



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 09.06.2013 (Till Sunday morning)

Bulletin No. XXIV/44/2013

Dt:04.06.2013

South West Monsoon has set in over some parts of the Rayalaseema region on 3rd June and advanced to remaining parts of Rayalaseema, some parts of South Coastal Andhra Pradesh and South Telangana districts of Andhra Pradesh on 4th June. Conditions are favourable for further advancement of Southwest Monsoon over remaining parts of the state during next 2-3 days. During last four days moderate to heavy rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 31-43⁰C and 19-29⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to heavy rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 30-40⁰C and 22-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest has set in over the Rayalaseema region of the state on 3rd June and conditions are favourable for further advancement in the remaining parts of the state during next 48-72 hours. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.,
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75 mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.

Vegetable and Fruits

Tomato

- Prevailing weather conditions are congenial for the incidence of thrips in tomato. To control, spray acephate @ 1.5 g or fipronil @ 2 ml per litre of water.

Mango

- Incidence of fruit fly is noticed in mango. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 12.06.2013 (Till Wednesday morning)**

Bulletin No. XXIV/45/2013

Dt:07.06.2013

South West Monsoon has set in over some parts of the Rayalaseema region on 3rd June and advanced to remaining parts of Rayalaseema on 4th June. Further advanced to most parts of Coastal Andhra Pradesh and Telangana districts of Andhra Pradesh on 6th June and conditions are favourable for further advancement to remaining parts of the state during next 48 hours. During last four days moderate to rather heavy rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 32-41⁰C and 21-31⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to heavy rains may occur over Coastal Andhra Pradesh and light to moderate rains may occur over remaining parts of the State during next five days. The maximum and minimum temperatures are likely to range between 29-40⁰C and 21-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest has set in over the Rayalaseema region of the state on 3rd June. Further advanced to most parts of the state on 6th June and conditions are favourable for further advancement to the remaining parts of the state during next 48 hours. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75 mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- Dig the pits for planting new orchards.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Tomato

- Prevailing weather conditions are congenial for the incidence of thrips in tomato. To control, spray acephate @ 1.5 g or fipronil @ 2 ml per litre of water.

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Mango

- Incidence of fruit fly is noticed in mango. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 16.06.2013 (Till Sunday morning)

Bulletin No. XXIV/46/2013

Dt:11.06.2013

South West Monsoon has set in over some parts of the Rayalaseema region on 3rd June and covered the entire state by 9th June. During last four days moderate to rather heavy rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 31-39⁰C and 20-29⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to rather heavy rains may occur over North Coastal Andhra Pradesh, Anantapur district and light to moderate rains may occur over remaining parts of the State during next five days. The maximum and minimum temperatures are likely to range between 30-39⁰C and 21-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75 mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- Dig the pits for planting new orchards.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Mango

- Incidence of fruit fly is noticed in mango. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 19.06.2013 (Till Wednesday morning)

Bulletin No. XXIV/47/2013

Dt:14.06.2013

South West Monsoon has set in over some parts of the Rayalaseema region on 3rd June and covered the entire state by 9th June. During last four days heavy rains occurred at many places over North Coastal Andhra Pradesh, moderate to rather heavy rains occurred at many places over South Coastal Andhra Pradesh and Telangana and light rains occurred at few places over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 29-40⁰C and 21-29⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to rather heavy rains may occur over North Coastal Andhra Pradesh and North Telangana region, light to moderate rains may occur over remaining parts of the State during next 48 hours. The maximum and minimum temperatures are likely to range between 23-36⁰C and 16-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75 mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 23.06.2013 (Till Sunday morning)

Bulletin No. XXIV/48/2013

Dt:18.06.2013

During last three days isolated light rains occurred over different parts of the state. The maximum and minimum temperatures ranged between 26-40⁰C and 21-30⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during coming Friday and Saturday. The maximum and minimum temperatures are likely to range between 29-39⁰C and 22-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest monsoon has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Raise rice nurseries of medium to long duration varieties.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75 mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, greengram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 26.06.2013 (Till Wednesday morning)

Bulletin No. XXIV/49/2013

Dt:21.06.2013

During last three days light to moderate rains occurred at few places over Coastal Andhra Pradesh and isolated light rains occurred over remaining parts of the state. The maximum and minimum temperatures ranged between 31-41⁰C and 20-30⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over North Coastal Andhra Pradesh and light rains may occur over remaining parts of the State during next five days. The maximum and minimum temperatures are likely to range between 29-38⁰C and 18-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest monsoon has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Raise rice nurseries of medium to long duration varieties.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, greengram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Sweet Orange

- Incidence of mite is noticed in sweet orange. To control, spray wettable sulphur @ 3 g or dicofol @ 5 ml or propargite @ 2 ml per litre of water.

Flowers

- Incidence of bud borer and mites is noticed in jasmine. To control,

Bud borer

- Spray Quinalphos or Malathion @ 2 ml per litre of water.

Mites

- Spray Dicofol @ 5 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle,
 - Sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 30.06.2013 (Till Sunday morning)

Bulletin No. XXIV/50/2013

Dt:25.06.2013

During last four days moderate to rather heavy rains occurred at many places over Coastal Andhra Pradesh and Telanagana region, light to moderate rains occurred at few places over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 28-40⁰C and 21-30⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 26-38⁰C and 22-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest monsoon has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Raise rice nurseries of medium to long duration varieties.
- Take up sowing of rainfed crops only after receiving cumulative rainfall of 60-75mm.
- By taking advantage of rains, take-up sowing of sunhemp and dhaincha as in-situ green manure crop preceding rice. Sow greengram as catch crop preceding rice under command areas and tanks.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, greengram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.
- Apply 20-24 kg phosphorus per acre at the time of sowing as basal application to the bt cotton crop.
- Apply 20-24 kg nitrogen, 20-24 kg phosphorus and 10 kg potassium per acre at the time of sowing as basal application to the rainfed maize crop.
- Apply 12-18 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed jowar crop.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.
- Apply 8 kg nitrogen, 20 kg phosphorus or 40-50 kg of DAP per acre at the time of sowing of redgram, greengram and blackgram.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.

Groundnut

- Prevailing weather conditions are favorable for the incidence of red hairy caterpillar in already sown rainfed crops. Adopt the following measures to control the pest.
 - Keep bonafires in the night between 7 pm to 11 pm to attract and kill the moths.
 - Remove and destroy leaves containing egg masses and larvae.
 - For the early instar larvae, dust Methyl parathion or Quinolphos @ 10 kg/acre.
 - To avoid migration from field to field, plough deep furrows around the field and dust with Methyl parathion 2 % @ 10 kg/acre.
 - For the final instar larvae, spray Dimethoate @ 400 ml or Monocrotophos @ 320 ml using 200 litres of water per acre.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 03.07.2013 (Till Wednesday morning)**

Bulletin No. XXIV/51/2013

Dt:28.06.2013

During last four days light to moderate rains occurred at few places over different parts of the state. The maximum and minimum temperatures ranged between 26-39⁰C and 20-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 28-40⁰C and 22-30⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest monsoon has set in over the Rayalaseema region of the state on 3rd June and covered the entire state by 9th June. Hence procure the seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- Raise rice nurseries of medium to long duration varieties.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, greengram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.
- Apply 20-24 kg phosphorus per acre at the time of sowing as basal application to the bt cotton crop.
- Apply 20-24 kg nitrogen, 20-24 kg phosphorus and 10 kg potassium per acre at the time of sowing as basal application to the rainfed maize crop.
- Apply 12-18 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed jowar crop.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.
- Apply 8 kg nitrogen, 20 kg phosphorus or 40-50 kg of DAP per acre at the time of sowing of redgram, greengram and blackgram.

- Prevailing weather conditions are favorable for the incidence of red hairy caterpillar in already sown rainfed crops. Adopt the following measures to control the pest.
 - Keep bonafires in the night between 7 pm to 11 pm to attract and kill the moths.
 - Remove and destroy leaves containing egg masses and larvae.
 - For the early instar larvae, dust Methyl parathion or Quinolphos @ 10 kg/acre.
 - To avoid migration from field to field, plough deep furrows around the field and dust with Methyl parathion 2 % @ 10 kg/acre.
 - For the final instar larvae, spray Dimethoate @ 400 ml or Monocrotophos @ 320 ml using 200 litres of water per acre.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 07.07.2013 (Till Sunday morning)**

Bulletin No. XXIV/52/2013

Dt:02.07.2013

During last four days isolated light rains occurred over different parts of the state. The maximum and minimum temperatures ranged between 31-40°C and 21-30°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 31-40°C and 23-30°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Raise rice nurseries of medium duration varieties.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.
- Apply 20-24 kg phosphorus per acre at the time of sowing as basal application to the bt cotton crop.
- Apply 20-24 kg nitrogen, 20-24 kg phosphorus and 10 kg potassium per acre at the time of sowing as basal application to the rainfed maize crop.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.
- Apply 8 kg nitrogen, 20 kg phosphorus or 40-50 kg of DAP per acre at the time of sowing of redgram and blackgram.
- Prevailing weather conditions are favorable for the incidence of red hairy caterpillar in already sown rainfed crops. Adopt the following measures to control the pest.
 - Keep bonafires in the night between 7 pm to 11 pm to attract and kill the moths.
 - Remove and destroy leaves containing egg masses and larvae.
 - For the early instar larvae, dust Methyl parathion or Quinolphos @ 10 kg/acre.
 - To avoid migration from field to field, plough deep furrows around the field and dust with Methyl parathion 2 % @ 10 kg/acre.
 - For the final instar larvae, spray Dimethoate @ 400 ml or Monocrotophos @ 320 ml using 200 litres of water per acre.

Cotton

- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 10.07.2013 (Till Wednesday morning)**

Bulletin No. XXIV/53/2013

Dt:05.07.2013

During last four days light to moderate rains occurred at many places over Telangana region and at few places over remaining parts of the state. The maximum and minimum temperatures ranged between 27-40⁰C and 20-29⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next 48 hours. The maximum and minimum temperatures are likely to range between 31-40⁰C and 23-30⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Raise rice nurseries of medium duration varieties.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Do not sow soyabean in light soils.
- Dig the pits for planting new orchards.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.
- Apply 20-24 kg phosphorus per acre at the time of sowing as basal application to the bt cotton crop.
- Apply 20-24 kg nitrogen, 20-24 kg phosphorus and 10 kg potassium per acre at the time of sowing as basal application to the rainfed maize crop.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.
- Apply 8 kg nitrogen, 20 kg phosphorus or 40-50 kg of DAP per acre at the time of sowing of redgram and blackgram.
- Prevailing weather conditions are favorable for the incidence of red hairy caterpillar in already sown rainfed crops. Adopt the following measures to control the pest.
 - Keep bonafires in the night between 7 pm to 11 pm to attract and kill the moths.
 - Remove and destroy leaves containing egg masses and larvae.
 - For the early instar larvae, dust Methyl parathion or Quinolphos @ 10 kg/acre.
 - To avoid migration from field to field, plough deep furrows around the field and dust with Methyl parathion 2 % @ 10 kg/acre.
 - For the final instar larvae, spray Dimethoate @ 400 ml or Monocrotophos @ 320 ml using 200 litres of water per acre.

Cotton

- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 14.07.2013 (Till Sunday morning)**

Bulletin No. XXIV/54/2013

Dt:09.07.2013

During last four days moderate to rather heavy rains occurred at many places over Coastal Andhra and Telangana region, isolated light to moderate rains occurred at isolated places over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 29-38⁰C and 20-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 27-34⁰C and 18-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.
- Dig the pits for planting new orchards.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- Those who have not applied fertilizers at the time of sowing, can go for application of 15 kg nitrogen and 6 kg Potassium per acre by taking the advantage of recent rains. Care should be taken P fertilizers should not be applied beyond 20 days after sowing.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 20-24 kg nitrogen per acre at 25-30 days after sowing as top dressing.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 17.07.2013 (Till Wednesday morning)**

Bulletin No. XXIV/55/2013

Dt:12.07.2013

During last four days moderate to heavy rains occurred at most places over Coastal Andhra and Telangana region, light to moderate rains occurred at many places over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 26-37⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. Heavy rains may occur over Coastal Andhra Pradesh, Rayalaseema and North Telangana region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 27-35⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- Those who have not applied fertilizers at the time of sowing, can go for application of 15 kg nitrogen and 6 kg Potassium per acre by taking the advantage of recent rains. Care should be taken P fertilizers should not be applied beyond 20 days after sowing.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Take up sowing of groundnut duly treating the seed with Tebuconazole 2% DS (Raxil) @ 1 g per kg of seed.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 20-24 kg nitrogen per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.

Sugarcane

- Incidence of early shoot borer is noticed in sugarcane. To control, adopt the following IPM measures
 - Give irrigations at close intervals .
 - Spray Chlorpyrphos @ 2.5 ml per litre of water at 4, 6 and 9th week after transplantation.
 - Release parasitic complex *Trichogramma chelonis* @ 20,000 per acre at 30 days after transplantation, 4 times at 10 days interval.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 21.07.2013 (Till Sunday morning)**

Bulletin No. XXIV/56/2013

Dt:16.07.2013

During last four days moderate to rather heavy rains occurred at most places over South Coastal Andhra and North Telangana districts, light to moderate rains occurred at many places over North Coastal Andhra and South Telangana districts and isolated light rains occurred over Rayalaseema districts of the state. The maximum and minimum temperatures ranged between 28-37⁰C and 21-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. Heavy rains may occur over Coastal Andhra Pradesh and North Telangana region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 25-34⁰C and 21-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 20 days after sowing as top dressing.
- Farmers should not apply 'P' fertilizers beyond 20 days after sowing
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Take up sowing of groundnut duly treating the seed with Tebuconazole 2% DS (Raxil) @ 1 g per kg of seed.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 25 kg urea, 100 kg single super phosphate and 20 kg muriate of potash per acre at the time of sowing as basal application.

Sugarcane

- By taking advantage of recent rains take up planting of rainfed sugarcane using suitable varieties.
- Earthing up the crop rows to prevent lodging due to heavy winds in four months old crop.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 24.07.2013 (Till Wednesday morning)**

Bulletin No. XXIV/57/2013

Dt:19.07.2013

During last four days heavy rains occurred at most places over South Coastal Andhra and North Telangana districts, moderate to rather heavy rains occurred at many places over South Telangana districts, light to moderate rains occurred at few places over North Coastal Andhra Pradesh and Rayalaseema districts of the state. The maximum and minimum temperatures ranged between 25-37⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to rather heavy rains may occur over Telangana, light to moderate rains may occur over remaining parts of the State during next five days. Heavy rains may occur over North Telangana region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 25-34⁰C and 16-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 20 days after sowing as top dressing.
- Farmers should not apply 'P' fertilizers beyond 20 days after sowing
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Take up sowing of groundnut duly treating the seed with Tebuconazole 2% DS (Raxil) @ 1 g per kg of seed.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 25 kg urea, 100 kg single super phosphate and 20 kg muriate of potash per acre at the time of sowing as basal application.

Sugarcane

- By taking advantage of recent rains take up planting of rainfed sugarcane using suitable varieties.
- Earthing up the crop rows to prevent lodging due to heavy winds in four months old crop.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 28.07.2013 (Till Sunday morning)**

Bulletin No. XXIV/58/2013

Dt:23.07.2013

During last four days moderate to rather heavy rains occurred at many places over Coastal Andhra and Telangana districts and light to moderate rains occurred over Rayalaseema districts of the state. The maximum and minimum temperatures ranged between 27-34⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over different parts of the State during next five days. Heavy rains may occur at isolated places over Coastal Andhra Pradesh and Telangana districts during next 48 hours. The maximum and minimum temperatures are likely to range between 26-34⁰C and 18-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- To prevent the seed borne diseases, treat the seeds of major crops like rice, redgram, groundnut with fungicides.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 20 days after sowing as top dressing.
- Farmers should not apply 'P' fertilizers beyond 20 days after sowing
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Take up sowing of groundnut duly treating the seed with Tebuconazole 2% DS (Raxil) @ 1 g per kg of seed.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 25 kg urea, 100 kg single super phosphate and 20 kg muriate of potash per acre at the time of sowing as basal application.

Sugarcane

- By taking advantage of recent rains take up planting of rainfed sugarcane using suitable varieties.
- Earthing up the crop rows to prevent lodging due to heavy winds in four months old crop.

Vegetable and Fruits**Nursery Management in Vegetables**

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director

**Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.**



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 31.07.2013 (Till Wednesday morning)**

Bulletin No. XXIV/59/2013

Dt:26.07.2013

During last four days moderate to rather heavy rains occurred at many places over Telangana, light to moderate rains occurred at many places over Coastal Andhra and isolated light rains occurred over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 23-35°C and 19-27°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. Heavy rains may occur at isolated places over North Coastal Andhra Pradesh during next 48 hours. The maximum and minimum temperatures are likely to range between 26-35°C and 19-26°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- Apply sulphur containing fertilizers to oilseed crops as basal application at the time of sowing.

Rice

- Raise rice nurseries of medium duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 20 days after sowing as top dressing.
- Farmers should not apply 'P' fertilizers beyond 20 days after sowing
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Take up sowing of groundnut duly treating the seed with Tebuconazole 2% DS (Raxil) @ 1 g per kg of seed.
- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- If incidence of stem borer is noticed. To control, spray Monocrotophos @ 1.6 ml per litre of water to the 10-12 days old crop.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 25 kg urea, 100 kg single super phosphate and 20 kg muriate of potash per acre at the time of sowing as basal application.

Sugarcane

- By taking advantage of recent rains take up planting of rainfed sugarcane using suitable varieties.
- Earthing up the crop rows to prevent lodging due to heavy winds in four months old crop.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
Agro Climate Research Centre (ACRC)
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 04.08.2013 (Till Sunday morning)**

Bulletin No. XXIV/60/2013

Dt:30.07.2013

During last four days light to moderate rains occurred at many places over Coastal Andhra Pradesh, Telangana and isolated light rains occurred over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 28-37⁰C and 19-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over Telangana and Coastal Andhra Pradesh and light rains may occur over Rayalaseema during next five days. The maximum and minimum temperatures are likely to range between 25-37⁰C and 19-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Raise rice nurseries of medium and short range duration varieties.
- Apply Carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 20 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20 days after sowing.

Groundnut

- Apply 18 kg urea, 100 kg single super phosphate and 33 kg muriate of potash per acre at the time of sowing as basal application to the groundnut crop.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 25 kg urea, 100 kg single super phosphate and 20 kg muriate of potash per acre at the time of sowing as basal application.

Sugarcane

- By taking advantage of recent rains take up planting of rainfed sugarcane using suitable varieties.
- Earthing up the crop rows to prevent lodging due to heavy winds in four months old crop.

Vegetable and Fruits

Nursery Management in Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidacloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 07.08.2013 (Till Wednesday morning)

Bulletin No. XXIV/61/2013

Dt:02.08.2013

During last four days moderate to heavy rains occurred at many places over Telangana region, light to moderate rains occurred at most places over Coastal Andhra Pradesh and mainly dry weather prevailed over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 28-36⁰C and 19-30⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-36⁰C and 22-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyrithiobac sodium @ 250 ml per acre for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyriphos or 2 ml quinalphos per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf light and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 11.08.2013 (Till Sunday morning)**

Bulletin No. XXIV/62/2013

Dt:06.08.2013

During last four days moderate to heavy rains occurred at many places over Telangana region, light to moderate rains occurred at most places over Coastal Andhra Pradesh and mainly dry weather prevailed over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 26-38⁰C and 21-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over different parts of the state during next five days. Heavy rains may occur over Coastal Andhra Pradesh and Telangana region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 26-35⁰C and 20-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyriproxyfen sodium @ 250 ml per acre for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control

Stem girdle

- At the beginning of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.

Aphids

- Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf light and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 13.08.2013 (Till Tuesday morning)**

Bulletin No. XXIV/63/2013

Dt:08.08.2013

During last three days light to moderate rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 25-35⁰C and 19-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-34⁰C and 17-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyriathiobac sodium @ 250 ml per acre for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyriphos or 2 ml quinalphos per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the beginning of the infestation spray Chloropyriphos @ 2.5 ml per litre of water.**Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf light and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 18.08.2013 (Till Sunday morning)

Bulletin No. XXIV/64/2013

Dt:13.08.2013

During last three days light to moderate rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 28-39⁰C and 19-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Heavy rains over Coastal Andhra Pradesh and Telangana region and moderate rains may occur over Rayalaseema region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 27-35⁰C and 20-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyrithiobac sodium @ 250 ml per acre for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyriphos or 2 ml quinalphos per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the beginning of the infestation spray Chloropyriphos @ 2.5 ml per litre of water.**Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf light and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 21.08.2013 (Till Wednesday morning)**

Bulletin No. XXIV/65/2013

Dt:16.08.2013

During last four days moderate to rather heavy rains occurred at many places over Telangana and light to moderate rains occurred in remaining parts of the state. The maximum and minimum temperatures ranged between 27-35⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 22-33⁰C and 18-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyriithiobac sodium @ 250 ml per acre in 200 litre of water for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
 - Stem girdle**
 - At the begining of the infestation spray Chloropyriphos @ 2.5 ml per litre of water.
 - Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf light and fruit rot is noticed in tomato. To control
 - Fruit rot**
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.
 - Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 25.08.2013 (Till Sunday morning)

Bulletin No. XXIV/66/2013

Dt:20.08.2013

During last four days moderate to heavy rains occurred at many places over different parts of the state. The maximum and minimum temperatures ranged between 25-34⁰C and 21-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Heavy rains may occur at isolated places over North Coastal Andhra Pradesh and North Telangana region of the state during next 48 hours. The maximum and minimum temperatures are likely to range between 27-34⁰C and 18-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- Raise rice nurseries of short duration varieties.
- Apply carbofuran 3 G @ 1 kg/ 200sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20 and 40 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- In areas where inter cultivation is not possible due to recent rains, farmers can take up post emergence application of quizalofop-p-ethyl @ 400 ml per acre for the control of grasses or pyriithobac sodium @ 250 ml per acre in 200 litre of water for the control of broad leaved weeds.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing.
- To control stem borer spray Monocrotophos 1.6ml per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the begining of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.**Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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ANGRAU, Rajendranagar, Hyd-30.



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Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 28.08.2013 (Till Wednesday morning)**

Bulletin No. XXIV/67/2013

Dt:23.08.2013

During last four days light to moderate rains occurred at isolated places over Rayalaseema and Coastal Andhra districts and at few places over Telangana region of the state. The maximum and minimum temperatures ranged between 27-36⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 27-35⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20, 40 and 60 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- If soil moisture is sufficient in the soil, apply 45-50 kg urea per acre at 25-30 days after sowing, 45-50 kg urea and 30-35 kg Muriate of Potash at flowering stage as top dressing.
- To control stem borer spray Monocrotophos 1.6ml per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.

- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the beginning of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.

Aphids

- Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray Fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.
- **Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle and Buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 01.09.2013 (Till Sunday morning)**

Bulletin No. XXIV/68/2013

Dt:27.08.2013

During last four days light to moderate rains occurred at isolated places over Coastal Andhra, light rains occurred at isolated places over Telangana districts and dry weather prevailed over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 27-38⁰C and 20-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the state during next five days. Light to moderate rains may occur over Coastal Andhra Pradesh and Telangana districts during next 48 hours. The maximum and minimum temperatures are likely to range between 27-37⁰C and 22-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20, 40 and 60 days after sowing as top dressing. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- If soil moisture is sufficient in the soil, apply 45-50 kg urea per acre at 25-30 days after sowing, 45-50 kg urea and 30-35 kg Muriate of Potash at flowering stage as top dressing.
- To control stem borer spray Monocrotophos 1.6ml per litre of water.

Groundnut

- Incidence of leaf webber is noticed. To monitor the leaf webber incidence install pheromone traps @ 4 per acre. To control, spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Castor

- By taking advantage of recent rains take up sowing with suitable castor varieties or hybrids.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the begining of the infestation spray Chlorpyriphos @ 2.5 ml per litre of water.**Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray Fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle and Buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 04.09.2013 (Till Wednesday morning)**

Bulletin No. XXIV/69/2013

Dt: 30.08.2013

During last four days light to moderate rains occurred at isolated places over Coastal Andhra, Telangana and light rains occurred at isolated places over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 27-37⁰C and 21-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-36⁰C and 19-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray Quinolphos @ 2 ml or Cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray Profenophos @ 2 ml or Chlorpyriphos @ 2.5 ml per litre of water.

Cotton

- If soil moisture is sufficient in the soil, farmers can go for application of 30-35 kg urea and 10 kg muriate of Potash per acre at 20, 40 and 60 days after sowing as top dressing.
- Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 20, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- If soil moisture is sufficient in the soil, apply 45-50 kg urea per acre at 25-30 days after sowing, 45-50 kg urea and 30-35 kg Muriate of Potash at flowering stage as top dressing.
- To control stem borer spray Monocrotophos 1.6ml per litre of water.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyriphos or 2 ml quinalphos per litre of water.

Thrips

- Spray Dimethoate @ 2 ml per litre of water.

Castor

- If soil moisture is sufficient in the soil, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control
Stem girdle
 - At the beginning of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.**Aphids**
 - Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- To prevent the incidence of damping off in vegetable nurseries, adopt the following measures,
 - Provide adequate drainage.
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Treat the seed with imidacloprid @ 5g and captan @ 3g per kg seed to prevent the incidence of sucking pests and leaf spot disease in nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray Fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf light**
 - Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle and Buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 08.09.2013 (Till Sunday morning)

Bulletin No. XXIV/70/2013

Dt: 03.09.2013

During last four days light to moderate rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 28-38°C and 19-28°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-37°C and 21-27°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray Quinolpos @ 2 ml or Cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaflets. As disease advances leaflets turn to black colour and results in dropping of flower and growing tips. To control the vector (thrips) by spraying 0.2g Thiamethoxam or 0.2g Acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 30, 45 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- If soil moisture is sufficient in the soil, apply 45-50 kg urea per acre at 25-30 days after sowing, 45-50 kg urea and 30-35 kg Muriate of Potash at flowering stage as top dressing.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray Dimethoate @ 2 ml per litre of water.

Castor

- If soil moisture is sufficient in the soil, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1 ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control

Stem girdle

- At the beginning of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.

Aphids

- Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray Fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle and Buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 11.09.2013 (Till Wednesday morning)

Bulletin No. XXIV/71/2013

Dt: 06.09.2013

During last four days light rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 29-38°C and 20-28°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 27-36°C and 21-27°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ of 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray Quinolpos @ 2 ml or Cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaflets. As disease advances leaflets turn to black colour and results in dropping of flower and growing tips. To control the vector (thrips) by spraying 0.2g Thiamethoxam or 0.2g Acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- If zinc and magnesium deficiency is noticed, to correct zinc deficiency spray zinc sulphate @ 2g per litre of water and for magnesium deficiency spray magnesium sulphate @ 10g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 30, 45 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spot is noticed, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- If soil moisture is sufficient in the soil, apply 45-50 kg urea per acre at 25-30 days after sowing, 45-50 kg urea and 30-35 kg Muriate of Potash at flowering stage as top dressing.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray Dimethoate @ 2 ml per litre of water.

Castor

- If soil moisture is sufficient in the soil, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray Neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray Acephate @ 1.5 g or Novoluron @ 1 ml or Monocrotophos @ 1.6 ml per litre of water.

Soyabean

- Incidence of Stem girdle and aphids are noticed, To control

Stem girdle

- At the beginning of the infestation spray Chlorpyrifos @ 2.5 ml per litre of water.

Aphids

- Spray Acephate @ 1.5 g or Monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray Fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spot is noticed in leafy vegetables. To control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in Cattle and Buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
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Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 15.09.2013 (Till Sunday morning)

Bulletin No. XXIV/72/2013

Dt: 10.09.2013

During last three days moderate to rather heavy rains occurred at isolated places over Coastal Andhra Pradesh, Telangana and light to moderate rains occurred over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 27-37°C and 19-27°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. During next 48 hours moderate to rather heavy rains may occur at few places in different parts of the state. The maximum and minimum temperatures are likely to range between 25-33°C and 21-26°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray quinolphos @ 2 ml or cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray profenophos @ 2 ml or chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 60 and 80 days after planting as top dressing.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaves. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 30, 45 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spots are observed, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- By taking advantage of recent rains, apply 45-50 kg urea and 30-35 kg Muriate of Potash as top dressing which is at flowering stage.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray dimethoate @ 2 ml per litre of water.

Castor

- By taking advantage of recent rains, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray carbendazim + mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 18.09.2013 (Till Wednesday morning)

Bulletin No. XXIV/73/2013

Dt: 13.09.2013

During last three days moderate to rather heavy rains occurred over different parts of the state. The maximum and minimum temperatures ranged between 25-34°C and 19-28°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-34°C and 20-27°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from gall midge and stem borer incidence, apply carbofuran 3G @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray quinolphos @ 2 ml or cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray profenophos @ 2 ml or chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 10 kg Muriate of Potash per acre at 60 and 80 days after planting as top dressing.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaflets. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.
- To prevent the incidence of sucking pests in cotton, apply monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem at 30, 45 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- If leaf spots are observed, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

Maize

- By taking advantage of recent rains, apply 45-50 kg urea and 30-35 kg Muriate of Potash as top dressing which is at flowering stage.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray dimethoate @ 2 ml per litre of water.

Castor

- By taking advantage of recent rains, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1 ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray carbendazim + mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 22.09.2013 (Till Sunday morning)

Bulletin No. XXIV/74/2013

Dt: 17.09.2013

During last three days moderate to rather heavy rains occurred over different parts of the state. The maximum and minimum temperatures ranged between 29-37⁰C and 20-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Heavy rainfall is expected in some parts of Telangana and Coastal Andhra Pradesh in coming next 48 hours. The maximum and minimum temperatures are likely to range between 30-35⁰C and 22-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- To protect the late planted crop from gall midge and stem borer incidence, apply carbofuran 3G @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray quinolphos @ 2 ml or cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray profenophos @ 2 ml or chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 15-20 kg Muriate of Potash per acre at 60 and 80 days after planting as top dressing.
- Incidence of powdery mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Blitox (copper oxy chloride) 30 g + plantomycin or poshamycin 2g in 10 litres of water for 2-3 times in 15 days interval time.
- Incidence of Alternaria leaf spot is noticed. To control, Spray captan 2.5 g or SAAF (cardondism 12.5% + mancozeb 63.5%) 2 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaf. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Maize

- By taking advantage of recent rains, apply 45-50 kg urea and 30-35 kg Muriate of Potash as top dressing which is at flowering stage.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray dimethoate @ 2 ml per litre of water.

Castor

- By taking advantage of recent rains, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre
 - To control early instar larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1 ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray carbendazim + mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 25.09.2013 (Till Wednesday morning)

Bulletin No. XXIV/75/2013

Dt: 20.09.2013

During last four days light to moderate rains occurred over different parts of the state with heavy rains at isolated places. The maximum and minimum temperatures ranged between 29-36⁰C and 20-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Moderate rainfall is expected in some parts of Telangana and Coastal Andhra Pradesh in coming next 48 hours. The maximum and minimum temperatures are likely to range between 23-34⁰C and 17-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- To protect the late planted crop from gall midge and stem borer incidence, apply carbofuran 3G @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Incidence of leaf folder and hispa is noticed. To control,

Leaf folder

- Spray quinolphos @ 2 ml or cartap hydrochloride @ 2 g per litre of water.

Hispa

- Spray profenophos @ 2 ml or chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 15-20 kg Muriate of Potash per acre at 60 and 80 days after planting as top dressing.
- Incidence of powdery mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Blitox (copper oxy chloride) 30 g + plantomycin or poshamycin 2g in 10 litres of water for 2-3 times in 15 days interval time.
- Incidence of Alternaria leaf spot is noticed. To control, Spray captan 2.5 g or SAAF (carbendazim 12.5% + mancozeb 63.5%) 2 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaves. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Maize

- By taking advantage of recent rains, apply 45-50 kg urea and 30-35 kg Muriate of Potash as top dressing which is at flowering stage.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray dimethoate @ 2 ml per litre of water.

Castor

- By taking advantage of recent rains, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre.
 - To control early in star larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical.
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1 ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray carbendazim + mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 29.09.2013 (Till Sunday morning)

Bulletin No. XXIV/76/2013

Dt: 24.09.2013

During last four days light to moderate rains occurred over different parts of the state with heavy rains at isolated places. The maximum and minimum temperatures ranged between 29-36°C and 20-27°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Moderate rainfall is expected in some parts of Telangana and Coastal Andhra Pradesh in coming next 48 hours. The maximum and minimum temperatures are likely to range between 23-34°C and 17-25°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- If zinc deficiency is noticed, spray zinc sulphate @ 2 g per litre of water.
- Due to the recent continuous rains grain discolouration and panicle mite incidence was observed. To control, spray Profenophos 2 ml + Propiconazole 1 ml per liter of water.
- In many MTU varieties (MTU1010) brown spot, narrow brown spot and neck blast was observed. To control, spray Merger (Tricyclazole + Mancozeb) @ 2 g per litre of water.
- In BPT varieties Sheath blight, blast, grain discolouration and false smut was observed. To control, spray Neativo (Trifloxystrobin + Tebuconazole) @ 0.4 g to 1 g per litre depending up on the stage of the crop.

Cotton

- By taking advantage of recent rains, farmers can go for application of 30-35 kg urea and 15-20 kg Muriate of Potash per acre at 60 and 80 days after planting as top dressing.
- Incidence of powdery mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Blitox (copper oxy chloride) 30 g + plantomycin or poshamycin 2g in 10 litres of water for 2-3 times in 15 days interval time.
- Incidence of Alternaria leaf spot is noticed. To control, Spray captan 2.5 g or SAAF (carbendazim 12.5% + mancozeb 63.5%) 2 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaf. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Maize

- By taking advantage of recent rains, apply 45-50 kg urea and 30-35 kg Muriate of Potash as top dressing which is at flowering stage.

Turmeric

- Incidence of rhizome rot is noticed. To control,
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 2 ml per litre of water.
- Incidence of leaf spot is noticed. To control, spray Carbendazim + Mancozeb @ 2.5g or Thiophanate methyl @ 1g per litre of water.
- Incidence of Rhizome fly was noticed, to control, apply Carbofuran 3G @ 8 kg per acre.

Groundnut

- Incidence of leaf webber and thrips is noticed. To control,

Leaf webber

- To monitor the leaf webber incidence install pheromone traps @ 4 per acre.
- Spray 2.5 ml chlorpyrifos or 2 ml quinalphos per litre of water.

Thrips

- Spray dimethoate @ 2 ml per litre of water.

Castor

- By taking advantage of recent rains, apply 15-20 kg of urea per acre at 30-35 days after sowing as top dressing.
- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre.
 - To control early in star larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical.
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray carbendazim + mancozeb (Saaf or Companion) @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 02.10.2013 (Till Wednesday morning)

Bulletin No. XXIV/77/2013

Dt: 27.09.2013

During last four days light rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 30-39°C and 19-27°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-36°C and 20-27°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Grain discolouration and panicle mite incidence is noticed. To control, spray Profenophos 2 ml + Propiconazole 1 ml per liter of water.
- In many MTU varieties (MTU1010) brown spot, narrow brown spot and neck blast was observed. To control, spray Tricyclazole + Mancozeb @ 2 g per litre of water.
- In BPT varieties, if incidence of Sheath blight, blast, grain discolouration and false smut is noticed. To control, spray Trifloxystrobin + Tebuconazole @ 0.4 g to 1 g per litre depending up on the stage of the crop.

Cotton

- Incidence of powdery mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Copper-oxy-chloride 30 g + plantomycin or poshamycin @ 2 g in 10 litres of water for 2-3 times at 15 days interval.
- Incidence of Alternaria leaf spot is noticed. To control, Spray Captan 2.5 g or Carbendazim 12.5% + Mancozeb 63.5% @ 2 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaf. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Turmeric

- Incidence of Rhizome fly was noticed, to control, apply Carbofuran 3G @ 8 kg per acre.
- Incidence of rhizome rot is noticed. To control,
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 1 ml per litre of water.

- Incidence of leaf spot is noticed. To control, spray Carbendazim + Mancozeb @ 2.5g or Thiophanate methyl @ 1g per litre of water.

Groundnut

- Incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Castor

- Monitor for the incidence of semilooper. If noticed, adopt the following IPM measures
 - Arrange bird perches @ 10 per acre.
 - To control early in star larvae spray neem oil @ 5 ml or BT @ 1 g per litre of water.
 - Observe for natural parasitization of *Microplitis* in the field. If noticed, do not spray the chemical.
 - If no natural parasitization is observed, spray acephate @ 1.5 g or novoluron @ 1ml or monocrotophos @ 1.6 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf light

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray Carbendazim + Mancozeb @ 2 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 06.10.2013 (Till Sunday morning)

Bulletin No. XXIV/78/2013

Dt: 01.10.2013

During last four days light to moderate rains occurred at isolated places over Coastal Andhra Pradesh, Telangana regions and light rains occurred over Rayalaseema region of the state. The maximum and minimum temperatures ranged between 28-39⁰C and 21-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 24-37⁰C and 18-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- If incidence of stem borer, BPH, panicle mite and grain discolouration is noticed. To control,

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
- Arrange 4 pheromone traps per acre to monitor the pest.
- If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre. Application of granules should be completed before panicle initiation stage.
 - Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

BPH

- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin@ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Panicle mite and Grain discolouration

- Spray Profenophos 2 ml + Propiconazole 1 ml per liter of water.
- In BPT varieties, if incidence of Sheath blight, blast, grain discolouration and false smut is noticed. To control, spray Trifloxystrobin + Tebuconazole @ 0.4 g to 1 g per litre depending up on the stage of the crop.

Cotton

- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Copper-oxy-chloride 30 g + plantomycin or poshamycin @ 2 g in 10 litres of water for 2-3 times at 15 days interval.
- Incidence of Alternaria leaf spot is noticed. To control, Spray Captan 2.5 g or Carbendazim 12.5% + Mancozeb 63.5% (Saaf or Companion) @ 2 g per litre of water.

- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaves. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Turmeric

- Incidence of Rhizome fly is noticed, to control, apply Carbofuran 3G @ 8 kg per acre.
- Incidence of rhizome rot is noticed. To control,
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 1 ml per litre of water.
- Incidence of leaf spot is noticed. To control, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Groundnut

- Incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of shoot and fruit borer is noticed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.
- If incidence of thrips is noticed in chillies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 09.10.2013 (Till Wednesday morning)**

Bulletin No. XXIV/79/2013

Dt: 04.10.2013

During last three days light to moderate rains occurred at many places with isolated heavy rains occurred during last 24 hours over different parts of the state. The maximum and minimum temperatures ranged between 27-37°C and 19-28°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-34°C and 20-26°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- If incidence of stem borer, BPH, panicle mite and grain discolouration is noticed. To control,

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
- Arrange 4 pheromone traps per acre to monitor the pest.
- If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre. Application of granules should be completed before panicle initiation stage.
 - Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

BPH

- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Panicle mite and Grain discolouration

- Spray Profenophos 2 ml + Propiconazole 1 ml per liter of water.
- In BPT varieties, if incidence of Sheath blight, blast, grain discolouration and false smut is noticed. To control, spray Trifloxystrobin + Tebuconazole @ 0.4 g to 1 g per litre depending up on the stage of the crop.

Cotton

- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Black arm bacterial disease is noticed. To control, spray Copper-oxy-chloride 30 g + plantomycin or poshamycin @ 2 g in 10 litres of water for 2-3 times at 15 days interval.
- Incidence of Alternaria leaf spot is noticed. To control, Spray Captan 2.5 g or Carbendazim 12.5% + Mancozeb 63.5% (Saaf or Companion) @ 2 g per litre of water.

- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leaves. As disease advances leaves turn to black colour and result in dropping of flower and growing tips. To control the vector (thrips), spray 0.2g thiamethoxam or 0.2g acetamiprid per litre of water. Remove weeds like *Parthenium*, *Achiranthus* in and around the field as it harbours both the virus & vector.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Turmeric

- Incidence of Rhizome fly is noticed, to control, apply Carbofuran 3G @ 8 kg per acre.
- Incidence of rhizome rot is noticed. To control,
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 1 ml per litre of water.
- Incidence of leaf spot is noticed. To control, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Groundnut

- Incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of shoot and fruit borer is noticed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.
- If incidence of thrips is noticed in chillies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 13.10.2013 (Till Sunday morning)

Bulletin No. XXIV/80/2013

Dt: 08.10.2013

During last three days light to moderate rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 28-39⁰C and 17-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 28-37⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- If incidence of stem borer, BPH, Blast, panicle mite and grain discolouration is noticed. To control,

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
- Arrange 4 pheromone traps per acre to monitor the pest.
- If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre. Application of granules should be completed before panicle initiation stage.
 - Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

BPH

- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin@ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

Panicle mite and Grain discolouration

- Spray Profenophos 2 ml + Propiconazole 1 ml per liter of water.
- In BPT varieties, if incidence of Sheath blight, blast, grain discolouration and false smut is noticed. To control, spray Trifloxystrobin + Tebuconazole @ 0.4 g to 1 g per litre depending up on the stage of the crop.

Cotton

- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Incidence of Alternaria leaf spot is noticed. To control, Spray Captan 2.5 g or Carbendazim 12.5% + Mancozeb 63.5% (Saaf or Companion) @ 2 g per litre of water.

- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.
- Incidence of wilt (Verticillium, Fusarium, Rhizoctonia) is noticed. To control, initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.
- To improve growth in cotton spray potassium nitrate @ 10g per litre of water.
- If flower drop is noticed, spray 3 ml NAA per 15 liters of water.

Redgram

- Incidence of Leaf webber is noticed. To control spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.

Turmeric

- Incidence of Rhizome fly is noticed, to control, apply Carbofuran 3G @ 8 kg per acre.
- Incidence of rhizome rot is noticed. To control,
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 1 ml per litre of water.
- Incidence of leaf spot is noticed. To control, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If flower drop is noticed in vegetable crops. To prevent spray potassium nitrate @ 5 g per litre of water.
- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of shoot and fruit borer is noticed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.
- If incidence of thrips is noticed in chillies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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**SPECIAL ADVISORY IN VIEW OF “PHAILIN” CYCLON FOR THE STATE OF
ANDHRA PRADESH FOR THE PERIOD ENDING 16.10.2013 (Till Wednesday morning)
Bulletin No. XXIV/81/2013 Dt: 11.10.2013**

The very severe cyclonic storm, **PHAILIN** over east central Bay of Bengal remained stationery and lay centred at 0830 hrs IST of 11th October 2013 near latitude 16.0⁰N and longitude 88.5⁰E, about 520 km south-southeast of Paradip, 530km southeast of Gopalpur, and 530km east-southeast of Kalingapatnam. It would move northwestwards and cross north Andhra Pradesh and Odisha coast between Kalingapatnam and Paradip, close to Gopalpur (Odisha) by evening of 12th October, 2013 as a very severe cyclonic storm with a maximum sustained wind speed of 210-220 kmph. Under its influence moderate to rather heavy rains occurred over different parts of the state during last three days. The maximum and minimum temperatures ranged between 29-38⁰C and 19-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to heavy rains may occur over different parts of the state during next five days. Heavy rainfall is expected in some parts of the Telangana and costal Andhra Pradesh in coming next 48 hours. The maximum and minimum temperatures are likely to range between 20-34⁰C and 16-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- Postpone harvesting of maize, greengram and blackgram.
- Shade dry the already harvested crops like greengram, blackgram etc., under roof
- Arrange for popping in sugarcane to prevent lodging due to high winds.
- Postpone sowing of Rabi crops.
- Keep animals indoors during the period.

Rice

- Prevailing weather conditions are congenial for incidence of sheath blight. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Cotton

- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.
- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Turmeric

- Prevailing weather conditions are congenial for incidence of Rhizome fly, Rhizome rot and leaf spot. To control,

Rhizome fly

- Apply Carbofuran 3G @ 8 kg per acre.

Rhizome rot

- First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 1 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of
- Leaf blight and fruit rot in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- Leaf spots in leafy vegetables spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- Shoot and fruit borer in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 20.10.2013 (Till Sunday morning)

Bulletin No. XXIV/82/2013

Dt: 15.10.2013

During last three days moderate to heavy rains occurred in the districts of Srikakulam, Vizianagaram, and Visakhapatnam and light to moderate rains occurred at isolated places over remaining parts of the State. The maximum and minimum temperatures ranged between 25-36⁰C and 21-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-36⁰C and 22-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- If incidence of BPH, stem borer, panicle mite, sheath blight and blast is noticed. To control,

BPH

- Prevailing weather conditions are congenial for incidence of BPH. To control adopt the following measures.
- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
- Arrange 4 pheromone traps per acre to monitor the pest.
- If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre. Application of granules should be completed before panicle initiation stage.
 - Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

Panicle mite

- Spray Profenophos @ 2 ml per litre of water before flowering.

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

Cotton

- If incidence of wilt, leaf spot and grey mildew is noticed. To control,

Wilt

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.
- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Redgram

- Incidence of Leaf webber is noticed. To control spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Turmeric

- If incidence of Rhizome fly, Rhizome rot and leaf spot is noticed. To control,

Rhizome fly

- Apply Carbofuran 3G @ 8 kg per acre.

Rhizome rot

- First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 1 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 23.10.2013 (Till Wednesday morning)

Bulletin No. XXIV/83/2013

Dt: 18.10.2013

During last three days light to moderate rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 30-38⁰C and 20-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-36⁰C and 16-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- If incidence of BPH, stem borer, panicle mite, sheath blight and blast is noticed. To control,

BPH

- Prevailing weather conditions are congenial for incidence of BPH. To control adopt the following measures.
- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
- Arrange 4 pheromone traps per acre to monitor the pest.
- If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre. Application of granules should be completed before panicle initiation stage.
 - Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

Panicle mite

- Spray Profenophos @ 2 ml per litre of water before flowering.

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

Cotton

- If incidence of wilt, leaf spot and grey mildew is noticed. To control,

Wilt

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.
- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Redgram

- Incidence of Leaf webber is noticed. To control spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.

Turmeric

- If incidence of Rhizome fly, Rhizome rot and leaf spot is noticed. To control,

Rhizome fly

- Apply Carbofuran 3G @ 8 kg per acre.

Rhizome rot

- First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 1 ml per litre of water.

Leaf spot

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 27.10.2013 (Till Sunday morning)

Bulletin No. XXIV/84/2013

Dt: 22.10.2013

During last three days moderate to heavy rains occurred at many places over costal Andhra Pradesh and at few places over Rayalaseema and light rains occurred at isolated places over Telangana region of the State. The maximum and minimum temperatures ranged between 27-38⁰C and 19-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Heavy rain may occur at isolated places over Rayalaseema and Costal Andhra Pradesh during next 48hours. The maximum and minimum temperatures are likely to range between 24-33⁰C and 17-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.
- Take timely remedial measures to control insect pest and diseases.
- To improve crop growth apply additional dose of fertilizers as top dressing.

Rainfed black soils

- Take up sowing of following crops under residual moisture conditions.
 - Rayalaseema region – Chickpea
 - South Telangana region – Chickpea and Safflower

Irrigated dry conditions

- Take up sowing of *rabi* crops like maize, groundnut and sunflower.

Rice

- If incidence of BPH, stem borer, panicle mite, sheath blight and blast is noticed. To control,

BPH

- Prevailing weather conditions are congenial for incidence of BPH. To control adopt the following measures.
- Follow alternate drying and wetting of field.
- Provide alley ways of 20 cm for every 2 m before spraying, if not provided at the time of planting.
- Spray Ethofenprox @ 1.5 ml or Acephate @ 1.5 g or Buprofezin@ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Stem borer

Adopt the following IPM measures.

- Do not apply high dose of nitrogen fertilizers.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - If 5 % dead hearts or 1 adult or egg mass is noticed per square meter area.
 - Apply Cartap hydrochloride 4G @ 8 kg or Carbofuron 3G @ 10 kg per acre.
- Application of granules should be completed before panicle initiation stage.

- Spray Cartap hydrochloride @ 2 g or Chloropyrphos @ 2.5 ml or Acephate @ 1.5g per litre of water

Panicle mite

- Spray Profenophos @ 2 ml per litre of water before flowering.

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

Cotton

- If incidence of wilt, leaf spot and grey mildew is noticed. To control,

Wilt

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Initially soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water.
- Incidence of sucking pests is noticed. To control spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Redgram

- Incidence of Leaf webber is noticed. To control spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.

Turmeric

- If incidence of Rhizome fly, Rhizome rot and leaf spot is noticed. To control,

Rhizome fly

- Apply Carbofuran 3G @ 8 kg per acre.

Rhizome rot

- First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 1 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 30.10.2013 (Till Wednesday morning)**

Bulletin No. XXIV/85/2013

Dt: 25.10.2013

During last three days moderate to very heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 25-34⁰C and 19-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. Moderate to heavy rain may occur at isolated places over different parts of the State during next 48 hours. The maximum and minimum temperatures are likely to range between 22-29⁰C and 18-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Management practices for areas affected by excess rains and floods

Rice

- If lodging occurred at milky stage, drain out the water from the fields and lift and stake the lodged plants and spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight.
- If lodging occurred at maturity stage, drain out the water and spray 5% sodium salt (50g per litre of water) on lodged plants to avoid germination.
- Prevailing weather conditions are congenial for incidence of blast. To control,

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

Cotton

- Drain out the excess water.
- Apply 20 kg urea + 10 kg Muriate of potash per acre to rejuvenate the crop .
- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Leaf spot

- Copper-Oxy-Chloride @ 3 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- Drain out the excess water.
- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Copper-Oxy-Chloride @ 3 g per litre of water

Sugarcane

- Drain out the excess water from the fields.
- Prop up the crop to prevent lodging.
- Apply 30 kg urea + 15 kg Muriate of potash per acre to rejuvenate the crop .

Chillies

- Drain out the excess water from the fields.
- To rejuvenate the crop take up foliar spraying of 1% KNO₃ followed by top dressing of 30-40 kg urea + 20 kg muriate of potash per acre.

Turmeric

- If incidence of Rhizome fly, Rhizome rot and leaf spot is noticed. To control,
Rhizome fly
 - Apply Carbofuran 3G @ 8 kg per acre.**Rhizome rot**
 - First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
 - Soil drench with Tebuconazole @ 1 ml per litre of water.
- **Leaf spot**
 - Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- If incidence of Leaf blight and fruit rot is noticed in tomato. To control
Fruit rot
 - Spray Copper-Oxy-Chloride @ 3 g per litre of water.**Leaf blight**
 - Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 03.11.2013 (Till Sunday morning)

Bulletin No. XXIV/86/2013

Dt: 29.10.2013

During last four days moderate to very heavy rains occurred at many places over Coastal Andhra Pradesh, moderate to rather heavy rains occurred at many places over Telangana and Rayalaseema regions of the State. The maximum and minimum temperatures ranged between 25-35⁰C and 19-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at few places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-33⁰C and 18-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Management practices for areas affected by excess rains and floods

Rice

- If lodging occurred at milky stage, drain out the water from the fields and lift and stake the lodged plants and spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight.
- If lodging occurred at maturity stage, drain out the water and spray 5% sodium salt (50g per litre of water) on lodged plants to avoid germination.
- Prevailing weather conditions are congenial for incidence of blast and BPH. To control,

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Drain out the excess water.
- Apply 20 kg urea + 10 kg Muriate of potash per acre to rejuvenate the crop .
- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 3 g and Plantomycin @ 2 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- Drain out the excess water.
- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Drain out the excess water from the fields.
- Prop up the crop to prevent lodging.
- Apply 30 kg urea + 15 kg Muriate of potash per acre to rejuvenate the crop .
- Prevailing weather conditions are congenial for incidence of white fly and wilt. To control,

White Fly

- Spray acephate @ 1.5 g or Dimethoate @ 1.7 ml or Malathion @ 3.0 ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water

Chillies

- Drain out the excess water from the fields.
- To rejuvenate the crop take up foliar spraying of 1% KNO₃ followed by top dressing of 30-40 kg urea + 20 kg muriate of potash per acre.

Turmeric

- If incidence of Rhizome fly, Rhizome rot and leaf spot is noticed. To control,

Rhizome fly

- Apply Carbofuran 3G @ 8 kg per acre.

Rhizome rot

- First soil drench with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 1 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml per litre of water.
- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 06.11.2013 (Till Wednesday morning)

Bulletin No. XXIV/87/2013

Dt: 01.11.2013

During last three days light to moderate rains occurred at isolated places over Coastal Andhra Pradesh, dry weather prevailed over Telangana and Rayalaseema regions of the State. The maximum and minimum temperatures ranged between 29-37⁰C and 15-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 27-34⁰C and 13-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

- Take up sowing of following crops under residual moisture conditions.
 - South Coastal region – Greengram, blackgram and chickpea
 - Rayalaseema region – Chickpea
 - South Telangana region – Chickpea and safflower

Irrigated dry conditions

- Take up sowing of *rabi* crops like maize, groundnut and sunflower.

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Apply 20 kg urea + 10 kg Muriate of potash per acre to rejuvenate the crop .
- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Apply 30 kg urea + 15 kg Muriate of potash per acre to rejuvenate the crop .
- Prevailing weather conditions are congenial for incidence of white fly and wilt. To control,

White Fly

- Spray Acephate @ 1.5 g or Dimethoate @ 1.7 ml or Malathion @ 3.0 ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water

Chillies

- To rejuvenate the crop take up foliar spraying of 1% KNO₃ followed by top dressing of 30-40 kg urea + 20 kg muriate of potash per acre.
- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Turmeric

- If incidence of Rhizome rot and leaf spot is noticed. To control,

Rhizome rot

- First drench the soil with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 2 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml or acephate @ 1.5 g per litre of water.
- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA

PRADESH FOR THE PERIOD ENDING 09.11.2013 (Till Sunday morning)

Bulletin No. XXIV/88/2013

Dt: 05.11.2013

During last three days light to moderate rains occurred at isolated places over Rayalaseema region and at many places over Nellore district. Mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 16-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-33⁰C and 14-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

- Take up sowing of following crops under residual moisture conditions.
 - South Coastal region – Greengram, blackgram and chickpea
 - Rayalaseema region – Chickpea
 - South Telangana region – Chickpea and safflower

Irrigated dry conditions

- Take up sowing of *rabi* crops like maize, groundnut and sunflower.

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Prevailing weather conditions are congenial for incidence of white fly and wilt. To control,

White Fly

- Spray Acephate @ 1.5 g or Dimethoate @ 1.7 ml or Malathion @ 3.0 ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Turmeric

- If incidence of Rhizome rot and leaf spot is noticed. To control,

Rhizome rot

- First drench the soil with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 2 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of sucking pests is noticed in vegetables. Spray fipronil @ 2 ml or acephate @ 1.5 g per litre of water.

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.
- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Carbaryl @ 3 g or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 13.11.2013 (Till Wednesday morning)

Bulletin No. XXIV/89/2013

Dt: 08.11.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-34⁰C and 15-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail in different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-33⁰C and 14-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

- Take up sowing of following crops under residual moisture conditions.
 - South Coastal region – Greengram, blackgram and chickpea
 - Rayalaseema and South Telangana region – Chickpea

Irrigated dry conditions

- Take up sowing of following *rabi* crops.
 - Coastal region – Maize
 - North Coastal and Rayalaseema region – Groundnut
 - South Telangana region – Groundnut and Sunflower.

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Prevailing weather conditions are congenial for incidence of wilt, leaf spot and grey mildew. To control,

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Prevailing weather conditions are congenial for incidence of white fly and wilt. To control,

White Fly

- Spray Acephate @ 1.5 g or Dimethoate @ 1.7 ml or Malathion @ 3.0 ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Turmeric

- If incidence of Rhizome rot and leaf spot is noticed. To control,

Rhizome rot

- First drench the soil with Copper Oxy Chloride @ 3 g per litre and later after 7 days drench with Carbendazim @ 1g per litre of water. or
- Soil drench with Tebuconazole @ 2 ml per litre of water.

- **Leaf spot**

- Spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g or Thiophanate methyl @ 1g per litre of water.

Vegetables

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- Incidence of downy mildew is noticed in gourds. To control,

Downy Mildew

- Spray Mancozeb @ 3 g per litre of water.

- If incidence of Shoot and fruit borer is observed in brinjal. Spray Chlorantraniliprole @ 0.3 ml or Profenphos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 17.11.2013 (Till Sunday morning)**

Bulletin No. XXIV/90/2013

Dt: 12.11.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-33⁰C and 14-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail in different parts of the state during next three days. On Saturday and Sunday light rains may occur at isolated places in Coastal Andhra and Rayalaseema region. The maximum and minimum temperatures are likely to range between 23-30⁰C and 12-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

- Take up sowing of chickpea crop in South Coastal region, Rayalaseema and South Telangana region.

Irrigated dry conditions

- Take up sowing of following *rabi* crops.
 - Coastal region – Maize
 - North Coastal, South Telangana and Rayalaseema region – Groundnut

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Prevailing weather conditions are congenial for incidence of leaf spot and grey mildew. To control,

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- Incidence of downy mildew is noticed in gourds. To control,

Downy Mildew

- Spray Mancozeb @ 3 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Chlorantraniliprole @ 0.3 ml or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 20.11.2013 (Till Wednesday morning)**

Bulletin No. XXIV/91/2013

Dt: 14.11.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-36⁰C and 13-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail in different parts of the state during next three days. On Saturday and Sunday moderate rains may occur over Coastal Andhra and light rains may occur in Rayalaseema region. The maximum and minimum temperatures are likely to range between 21-30⁰C and 13-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

- Take up sowing of chickpea crop in South Coastal region, Rayalaseema and South Telangana region.

Irrigated dry conditions

- Take up sowing of following *rabi* crops.
 - Coastal region – Maize
 - North Coastal, South Telangana and Rayalaseema region – Groundnut

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Cotton

- Prevailing weather conditions are congenial for incidence of leaf spot and grey mildew. To control,

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- Incidence of downy mildew is noticed in gourds. To control,

Downy Mildew

- Spray Mancozeb @ 3 g per litre of water.
- If incidence of Shoot and fruit borer is observed in brinjal. Spray Chlorantraniliprole @ 0.3 ml or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Foot and mouth disease in cattle and buffaloes
 - ET in sheep.

To prevent the diseases, vaccinate the animals.

- To prevent blue tongue disease in sheep, farmers are advised to keep the sheep in sheds during night time.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA
PRADESH FOR THE PERIOD ENDING 24.11.2013 (Till Sunday morning)**

Bulletin No. XXIV/92/2013

Dt: 19.11.2013

During last three days light to moderate rains occurred at Nellore, Cuddapah and Chittoor districts and mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 23-33⁰C and 10-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over South Coastal Andhra and light rains may occur over remaining regions of the state during next three days. Rainfall activity may further increase in Coastal Andhra Pradesh on Thursday and Friday. The maximum and minimum temperatures are likely to range between 22-31⁰C and 11-20⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Farmers in Coastal Andhra Pradesh may postpone harvesting of rice crop due to rainfall forecast and follow regular weather forecast updates before planning for rice harvesting.

Rainfed black soils

- Take up sowing of chickpea crop in South Coastal region, Rayalaseema and South Telangana region.

Irrigated dry conditions

- Take up sowing of following *rabi* crops.
 - Coastal region – Maize
 - North Coastal, South Telangana and Rayalaseema region – Groundnut

Rice

- Prevailing weather conditions are congenial for incidence of Sheath blight, blast, false smut and BPH. To control,

Sheath blight

- Spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water.

Blast

- Spray Tricyclazole @ 0.6 g or Isoprothiolone @ 1.5 ml per litre of water.

False smut

- Spray Propiconazole @ 1 ml or Carbendazim @ 1g or Copper Oxychloride @ 2.5 g per litre of water twice at weekly interval.

BPH

- Spray Acephate @ 1.5 g or Buprofezin @ 1.6 ml per litre of water, if more than 10 hoppers per hill at tillering or 20-25 hoppers per hill are observed at panicle initiation stage.

Bengal gram

- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g or hexaconazole 2.0 ml or tebuconazole 1.0 ml per litre of water.
- Use resistant varieties such as ICCV-37, ICCV-2 and ICCV-10 for re sowing of Bengal gram in affected fields with wilt.

Cotton

- Prevailing weather conditions are congenial for incidence of leaf spot and grey mildew. To control,

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

- Incidence of downy mildew is noticed in gourds. To control,

Downy Mildew

- Spray Mancozeb @ 3 g per litre of water.

- If incidence of Shoot and fruit borer is observed in brinjal. Spray Chlorantraniliprole @ 0.3 ml or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of

- ET in sheep

- Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**SPECIAL ADVISORY IN VIEW OF “HELEN” CYCLON FOR THE STATE OF
ANDHRA PRADESH FOR THE PERIOD ENDING 27.10.2013 (Till Wednesday morning)**

Bulletin No. XXIV/93/2013

Dt: 22.11.2013

The very severe cyclonic storm, **HELEN** over west central Bay of Bengal remained stationery and lay centred at 0300 hrs IST of 22nd November 2013 near latitude 16.2⁰N and longitude 81.7⁰E, about 025 km south of Narsapur and 060 km east of Machilipatnam by afternoon of 22nd November, 2013 as a very severe cyclonic storm with a maximum sustained wind speed of 100-120 kmph. During last three days light to moderate rains occurred at Coastal Andhra Pradesh and mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 27-34⁰C and 11-24⁰C, respectively. The lowest minimum temperature of 11⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, heavy rains may occur over Coastal Andhra and moderate rains may occur over remaining regions of the state during next three days. The maximum and minimum temperatures are likely to range between 20-32⁰C and 09-20⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Due to severe cyclone storm, high winds coupled with increase rainfall may damage standing crop, hence farmers are advised to take proper care of the standing crops.
- Remove excess water from the fields.
- Due to heavy rain forecast farmers are advised to postpone harvesting crops.
- Spray 5% salt solution to rice crop at maturity stage to prevent grain discolouration and germination.
- Harvested rice should be covered with Tarpaulin and may be sprayed with 5% salt solution.
- Staking of lodged rice crop after receding of water.
- Arrange for popping in sugarcane to prevent lodging due to heavy winds.
- Stake the banana orchards to prevent lodging due to heavy winds.
- Postpone the sowing of the rabi crops, vegetables and leafy vegetables.

Rainfed black soils

- Take up sowing of chickpea crop in South Coastal region, Rayalaseema and South Telangana region.

Irrigated dry conditions

- Take up sowing of following *rabi* crops.
 - Coastal region – Maize
 - North Coastal, South Telangana and Rayalaseema region – Groundnut

Bengal gram

- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g or hexaconazole 2.0 ml or tebuconazole 1.0 ml per litre of water.
- Use resistant varieties such as ICCV-37, ICCV-2 and ICCV-10 for re sowing of Bengal gram in affected fields with wilt.

Cotton

- Prevailing weather conditions are congenial for incidence of leaf spot and grey mildew. To control,

Leaf spot

- Spray Copper-Oxy-Chloride @ 30 g and Plantomycin @ 1 g per 10 litres of water.

Grey mildew

- Spray Wettable sulphur @ 3 g per litre of water.

Redgram

- If incidence of Leaf webber and wilt is noticed. To control,

Leaf webber

- Spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.

Wilt

- Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- If incidence of Leaf blight and fruit rot is noticed in tomato. To control

Fruit rot

- Spray Copper-Oxy-Chloride @ 3 g per litre of water.

Leaf blight

- Spray Tebuconazole @ 2 ml per litre of water.

- If leaf spots are observed in leafy vegetables, to control spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

- Incidence of downy mildew is noticed in gourds. To control,

Downy Mildew

- Spray Mancozeb @ 3 g per litre of water.

- If incidence of Shoot and fruit borer is observed in brinjal. Spray Chlorantraniliprole @ 0.3 ml or Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of

- ET in sheep

- Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**SPECIAL ADVISORY IN VIEW OF “LEHAR” CYCLON FOR THE STATE OF
ANDHRA PRADESH FOR THE PERIOD ENDING 01.12.2013 (Till Sunday morning)**

Bulletin No. XXIV/94/2013

Dt: 26.11.2013

The cyclonic storm, **LEHAR** lay over Southeast Bay of Bengal moved west wards with a speed of 15 km per hours and lay centred at 0830 hours IST of today over southeast bay of Bengal. The system may intensify further and move west northwest wards and cross Andhra Pradesh post between Machilipatnam and Kalingapatnam near Kakinada around 28th November noon with the maximum sustained wind speed of 170-180 kmph may experience at the time of landfall. During last three days moderate heavy rains occurred at most places over Coastal Andhra Pradesh, light to moderate rains occurred at isolated places over Telangana and light rains occurred at Rayalseema region of the state. The maximum and minimum temperatures ranged between 22-33⁰C and 15-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to heavy rains may occur over Coastal Andhra Pradesh and light to moderate rains may occur over remaining parts of the state during next five days. The maximum and minimum temperatures are likely to range between 20-32⁰C and 13-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Due to severe cyclone storm, high winds coupled with increase rainfall may damage standing crop, hence farmers are advised to take proper care of the standing crops.
- Remove excess water from the fields.
- Due to heavy rain forecast farmers are advised to postpone harvesting crops.
- Arrange for popping in sugarcane to prevent lodging due to heavy winds.
- Stake the banana orchards to prevent lodging due to heavy winds.
- Postpone the sowing of the rabi crops, vegetables and leafy vegetables.

Rice

- Spray 5% salt solution to rice crop at maturity stage to prevent grain discolouration and germination.
- Harvested rice should be covered with Tarpaulin and may be sprayed with 5% salt solution.
- Staking of lodged rice crop after receding of water.
- Postpone harvesting of rice crop.
- To prevent spoilage of Paddy drenched on threshing floor, mixture of salt and husk may be mixed to the grain and heaped.

Banana

- For six months old crop remove the affected suckers and apply 100 g urea + 60-80 g of muriate of potash per plant.
- Stake the banana orchards to prevent lodging due to heavy winds.

Coconut

- Drain out the excess water from the fields.

- Clean the crown region of the tree and remove the damaged leaves and spray 3 g Copper Oxy Chloride per litre of water in the crown region of the tree.
- To control bud rot spray 3 g Copper Oxy Chloride solution in the crown region of the tree.

Chillies

- The lodged plants have to be lifted carefully and earthed up.
- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- The lodged plants have to be lifted carefully and earthed up.
- The plant with sufficient foliage have to be sprayed with 2% urea or KNO₃ @ 5g per liter of water twice within a week for early recovery since the root system will be unable to absorb nutrients from the soil.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 04.12.2013 (Till Wednesday morning)**

Bulletin No. XXIV/95/2013

Dt: 29.11.2013

Due to **LEHAR** cyclone storm, during last 24 hours light to moderate rains occurred at isolated places over Coastal Andhra Pradesh and light rains occurred over remaining parts of the State. The maximum and minimum temperatures ranged between 29-34⁰C and 11-25⁰C, respectively. The lowest minimum temperature of 11⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over Coastal Andhra and Telangana regions and light rains may occur over Rayalaseema region of the state during next two days. The maximum and minimum temperatures are likely to range between 24-33⁰C and 09-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Spray 5% salt solution to rice crop at maturity stage to prevent grain discolouration and germination.
- Harvested rice should be sprayed with 5% salt solution after receding of water from the field.
- Take up harvesting of rice crop after knowing the weather forecast information.
- To prevent spoilage of Paddy drenched on threshing floor, mixture of salt and husk may be mixed to the grain and heaped.

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,

Leaf Webber

- Collect and destroy the webbings made by the larvae
- Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Maruca pod borer

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Banana

- Apply 100 g urea + 60-80 g of muriate of potash per plant for three months old crop.
- For six months old crop remove the affected suckers and apply 100 g urea + 60-80 g of muriate of potash per plant

Coconut

- Clean the crown region of the tree and remove the damaged leaves and spray 3 g Copper Oxy Chloride per litre of water in the crown region of the tree.

- To control bud rot spray 3 g Copper Oxy Chloride solution in the crown region of the tree.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- The plant with sufficient foliage have to be sprayed with 2% urea or KNO₃ @ 5g per liter of water twice within a week for early recovery since the root system will be unable to absorb nutrients from the soil.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 08.12.2013 (Till Sunday morning)**

Bulletin No. XXIV/96/2013

Dt: 03.12.2013

During last three days light rains occurred at isolated places over Coastal Andhra Pradesh and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 23-33⁰C and 15-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the state during next three days. The maximum and minimum temperatures are likely to range between 25-33⁰C and 14-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,

Leaf Webber

- Collect and destroy the webbings made by the larvae
- Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Maruca pod borer

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Coconut

- To control bud rot spray 3 g Copper Oxy Chloride solution in the crown region of the tree.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 11.12.2013 (Till Wednesday morning)**

Bulletin No. XXIV/97/2013

Dt: 06.12.2013

Last Tuesday and Wednesday light rains occurred at isolated places over Coastal Andhra and Telangana Regions and dry weather prevailed over Rayalaseema region of the State. The maximum and minimum temperatures ranged between 27-34⁰C and 13-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-31⁰C and 13-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,

Leaf Webber

- Collect and destroy the webbings made by the larvae
- Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Maruca pod borer

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Coconut

- To control bud rot spray 3 g Copper Oxy Chloride solution in the crown region of the tree.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight and wilt. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 15.12.2013 (Till Sunday morning)**

Bulletin No. XXIV/98/2013

Dt: 10.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 26-32⁰C and 07-23⁰C, respectively. The lowest minimum temperature of 07⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over North Coastal Andhra Pradesh and dry weather may prevail over remaining parts of the state during next two days. The maximum and minimum temperatures are likely to range between 23-31⁰C and 08-20⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Low temperatures during the rabi may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,

Leaf Webber

- Collect and destroy the webbings made by the larvae
- Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Maruca pod borer

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 18.12.2013 (Till Wednesday morning)**

Bulletin No. XXIV/99/2013

Dt: 13.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-34⁰C and 08-25⁰C, respectively. The lowest minimum temperature of 08⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-33⁰C and 08-22⁰C over coastal Andhra Pradesh, 27-31⁰C and 08-17⁰C over Telangana and 32-33⁰C and 14-21⁰C over Rayalaseema, respectively.

WEATHER BASED AGRO-ADVISORIES

- Low temperatures during the rabi may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,

Leaf Webber

- Collect and destroy the webbings made by the larvae
- Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Maruca pod borer

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.
- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
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ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 22.12.2013 (Till Sunday morning)**

Bulletin No. XXIV/100/2013

Dt: 17.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 25-33⁰C and 07-24⁰C, respectively. The lowest minimum temperature of 07⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 23-32⁰C and 10-18⁰C over coastal Andhra Pradesh, 27-31⁰C and 07-14⁰C over Telangana and 25-32⁰C and 11-14⁰C over Rayalaseema, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana Region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,
 - Leaf Webber**
 - Collect and destroy the webbings made by the larvae
 - Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.
 - Maruca pod borer**
 - Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 25.12.2013 (Till Wednesday morning)**

Bulletin No. XXIV/101/2013

Dt: 20.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-32⁰C and 08-21⁰C, respectively. The lowest minimum temperature of 08⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 23-31⁰C and 11-20⁰C over coastal Andhra Pradesh, 27-31⁰C and 11-16⁰C over Telangana and 29-30⁰C and 15-17⁰C over Rayalaseema, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana Region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.

Redgram

- Incidence of leaf webber and maruca pod borer is noticed. To control,
 - Leaf Webber**
 - Collect and destroy the webbings made by the larvae
 - Spray Monocrotophos @ 1.6 ml or Chlorpyrifos @ 2.5 ml per litre of water.
 - Maruca pod borer**
 - Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 29.12.2013 (Till Sunday morning)**

Bulletin No. XXIV/102/2013

Dt: 24.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 26-32⁰C and 13-21⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 24-31⁰C and 11-20⁰C over coastal Andhra Pradesh, 27-31⁰C and 13-17⁰C over Telangana and 29-30⁰C and 16-19⁰C over Rayalaseema, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana Region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.
- To prevent the incidence of paddy stem borer, apply Carbofuran 3G @ 160 g in one cent of nursery at 10-12 days after sowing.

Redgram

- Incidence of maruca pod borer is noticed. To control, Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml along with Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 01.01.2014 (Till Wednesday morning)**

Bulletin No. XXIV/103/2013

Dt: 27.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 25-32⁰C and 11-22⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-31⁰C and 11-20⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana Region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.
- To prevent the incidence of paddy stem borer, apply Carbofuran 3G @ 160 g in one cent of nursery at 10-12 days after sowing.

Redgram

- Incidence of maruca pod borer is noticed. To control, Spray Chlorpyriphos @ 2.5 ml or Novoluran @ 0.75 ml along with Dichlorovas @ 1.0 ml per litre of water.
- If incidence of Helicoverpa is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips is noticed. To control, spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Chillies

- Drench the nursery beds with Copper Oxy Chloride @ 3g or Metalaxyl @ 3g per liter of water to control damping off.

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



HAPPY NEW YEAR 2014

ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Center (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 05.01.2014 (Till Sunday morning)**

Bulletin No. XXIV/104/2013

Dt: 31.12.2013

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 25-31⁰C and 12-21⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 23-31⁰C and 10-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.
- To prevent the incidence of paddy stem borer, apply Carbofuran 3G @ 160 g in one cent of nursery at 10-12 days after sowing.

Redgram

- Incidence of maruca pod borer is noticed. To control, Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml along with Dichlorovas @ 1.0 ml per litre of water.
- If incidence of *Helicoverpa* is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips and tikka leaf spot is noticed. To control,

Thrips

- Spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Tikka leaf spot

- Spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
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ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 08.01.2014 (Till Wednesday morning)**

Bulletin No. XXV/01/2014

Dt: 03.01.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 25-31°C and 11-23°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-30°C and 10-21°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.
- To prevent the incidence of paddy stem borer, apply Carbofuran 3G @ 160 g in one cent of nursery at 10-12 days after sowing.

Redgram

- Incidence of maruca pod borer is noticed. To control, Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml along with Dichlorovas @ 1.0 ml per litre of water.
- If incidence of *Helicoverpa* is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips and tikka leaf spot is noticed. To control,

Thrips

- Spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Tikka leaf spot

- Spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 12.01.2014 (Till Sunday morning)**

Bulletin No. XXV/02/2014

Dt: 07.01.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33°C and 12-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 27-31°C and 14-21°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably in Telangana region. These low temperatures may cause cold injury in rice nurseries in Telangana districts. To overcome cold injury and for better nursery growth, adopt the following measures.
 - Cover the nursery beds with polythene sheet during night and remove in the morning.
 - Irrigate the nursery bed every day in the evening and let out the water in the morning.
 - Apply 2 kg urea for 200 m² nursery area at 10-15 days after sowing.
- To prevent the incidence of paddy stem borer, apply Carbofuran 3G @ 160 g in one cent of nursery at 10-12 days after sowing.

Redgram

- Incidence of maruca pod borer is noticed. To control, Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml along with Dichlorovas @ 1.0 ml per litre of water.
- If incidence of *Helicoverpa* is noticed, adopt the following measures.
 - Arrange 10 - 15 bird perches per acre to facilitate picking up of larvae
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray 5 % NSKE to kill the eggs and early instar larvae

Groundnut

- If incidence of thrips and tikka leaf spot is noticed. To control,

Thrips

- Spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Tikka leaf spot

- Spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, wilt and powdery mildew. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Wilt

- Drench the soil with Copper Oxy Chloride @ 3 g per litre of water.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 15.01.2014 (Till Wednesday morning)**

Bulletin No. XXV/03/2014

Dt: 10.01.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33⁰C and 13-22⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-31⁰C and 14-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- If incidence of thrips and tikka leaf spot is noticed. To control,

Thrips

- Spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Tikka leaf spot

- Spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of powdery mildew. To control,

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers in mango. To control,

Hoppers

- Spray Phosphomidon @ 0.5 ml or Dimethoate @ 2 ml or Carbaryl @ 3 g per litre of water at flower initiation stage on the bark of the tree.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

Director
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Agricultural Research Institute, Rajendranagar, Hyd-30.

**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 19.01.2014 (Till Sunday morning)**

Bulletin No. XXV/04/2014

Dt: 15.01.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33°C and 13-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 30-32°C and 15-21°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- If incidence of thrips and tikka leaf spot is noticed. To control,

Thrips

- Spray Dimethoate @ 2 ml or Acephate @ 1.5 g per liter of water.

Tikka leaf spot

- Spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for incidence of powdery mildew. To control,

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers in mango. To control,

Hoppers

- Spray Phosphomidon @ 0.5 ml or Dimethoate @ 2 ml or Carbaryl @ 3 g per litre of water at flower initiation stage on the bark of the tree.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 22.01.2014 (Till Wednesday morning)**

Bulletin No. XXV/05/2014

Dt: 17.01.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33°C and 13-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 25-31°C and 15-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of powdery mildew. To control, spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 26.01.2014 (Till Sunday morning)**

Bulletin No. XXV/06/2014

Dt: 21.01.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 26-33°C and 15-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 25-32°C and 14-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)

- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 29.01.2014 (Till Wednesday morning)**

Bulletin No. XXV/07/2014

Dt: 24.01.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33°C and 15-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 25-31°C and 14-21°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control
Spodoptera
Adopt the following IPM measures
 - Arrange bird perches @ 15-20 per acre.
 - Arrange pheromone traps @ 4 per acre
 - Collect the leaves having larvae and destroy them.
 - The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
 - Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.To prevent the diseases, vaccinate the animals.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 02.02.2014 (Till Sunday morning)**

Bulletin No. XXV/08/2014

Dt: 28.01.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-32⁰C and 11-22⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 23-31⁰C and 09-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control
Spodoptera
Adopt the following IPM measures
 - Arrange bird perches @ 15-20 per acre.
 - Arrange pheromone traps @ 4 per acre
 - Collect the leaves having larvae and destroy them.
 - The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
 - Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.
- To prevent the diseases, vaccinate the animals.

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 05.02.2014 (Till Wednesday morning)**

Bulletin No. XXV/09/2014

Dt: 31.01.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33⁰C and 08-22⁰C, respectively. The lowest minimum temperature of 08⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 24-31⁰C and 09-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Apply Carbofuran 3G @ 800 g / 200 sq. m, 5-7 days before pulling of rice nursery to prevent the incidence of stem borer in main field.
- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)

- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
Agro Climate Research Centre (ACRC)
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 09.02.2014 (Till Sunday morning)**

Bulletin No. XXV/10/2014

Dt: 04.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33°C and 08-21°C, respectively. The lowest minimum temperature of 8°C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 26-32°C and 12-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)

- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 12.02.2014 (Till Wednesday morning)**

Bulletin No. XXV/11/2014

Dt: 07.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-36⁰C and 12-22⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 26-34⁰C and 14-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 16.02.2014 (Till Sunday morning)**

Bulletin No. XXV/12/2014

Dt: 11.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 29-37⁰C and 11-23⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next four days. The maximum and minimum temperatures are likely to range between 26-36⁰C and 12-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- To protect the crop from stem borer incidence, apply carbofuran 3G @ of 10 kg per acre at 15-20 days after transplanting.
- If zinc deficiency is noticed, to control spray zinc sulphate @ 2 g per litre of water.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Chillies

- Prevailing weather conditions are congenial for incidence of Choanephora blight, powdery mildew and thrips. To control,

Choanephora blight

- Spray Copper-oxy-chloride @ 30 g + Plantamycin @ 1 g in 10 litres of water twice at weekly intervals.

Powdery mildew

- Spray Wettable sulphur @ 3 g or Karathane @ 1ml per litre of water.

Thrips

- Spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water..

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Vegetables

- To prevent damping off in rabi vegetable nurseries, drench with Copper-Oxy-Chloride @ 3g per litre of water.

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- Incidence of fruit fly is noticed in gourds. To control, keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 19.02.2014 (Till Wednesday morning)**

Bulletin No. XXV/13/2014

Dt: 14.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 30-37°C and 10-22°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, on Sunday and Monday light rains may occur at isolated places in Coastal Andhra region. The maximum and minimum temperatures are likely to range between 29-37°C and 15-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- If incidence of Blast is noticed. To control, Spray Tricyclozole @ 0.6 g per litre of water.
- To minimize the effect of Zinc deficiency in 25-30 days old transplanted rice, spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot, Peanut stem necrosis disease (PSND). To control,

Early leaf spot

- Spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.

PSND

- Remove weeds (Parthenium) surrounding the fields. Raise border crops like Bajra, Jowar and maize in 4-5 rows to arrest the entry of sucking pest (thrips-vectors of PSND)
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.

- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Fruits

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.

- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,

Fruit Fly

- keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 23.02.2014 (Till Sunday morning)**

Bulletin No. XXV/14/2014

Dt: 18.02.2014

During last three days light rains occurred at isolated places over Rayalaseema & Coastal Andhra Pradesh and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 28-35°C and 14-25°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, on Saturday and Sunday light rains may occur at isolated places over Rayalaseema region. The maximum and minimum temperatures are likely to range between 27-34°C and 13-24°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- If incidence of Blast is noticed. To control, Spray Tricyclozole @ 0.6 g per litre of water.
- To minimize the effect of Zinc deficiency in 25-30 days old transplanted rice, spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot. To control, spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.
- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Fruits

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.

- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,

Fruit Fly

- keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 26.02.2014 (Till Wednesday morning)

Bulletin No. XXV/15/2014

Dt: 21.02.2014

Last Tuesday light rains occurred at isolated places in Chittoor and Nellore districts and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 27-36°C and 08-23°C, respectively. The lowest minimum temperature of 8°C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, on Saturday and Sunday light rains may occur at isolated places over North Telangana and Rayalaseema districts and dry weather may prevail over remaining parts of the state. The maximum and minimum temperatures are likely to range between 25-35°C and 14-23°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of leaf blast is noticed in Nalgonda, Mahabubnagar, Medak, Nizamabad and Karimnagar districts. The severe incidence was observed on Tellahamsa. To control, spray Isoprothiolane @ 1.5 ml per litre of water or Kasugamycin @ 2.5 ml per litre of water twice at 10 days interval.
- The incidence of brown spot was observed on MTU 1010 variety. To control, spray Carbendazim + Mancozeb @ 2g per litre of water twice at 10 days interval.
- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- To minimize the effect of Zinc deficiency in 25-30 days old transplanted rice, spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Groundnut

- Prevailing weather conditions are congenial for the incidence of Early Leaf spot. To control, spray Mancozeb @ 2 g or carbendazim @ 1 g or chlorothalonil @ 2 g or hexaconazole @ 2 ml per litre of water.
- Incidence of *Spodoptera* is noticed, to control

Spodoptera

Adopt the following IPM measures

- Arrange bird perches @ 15-20 per acre.
- Arrange pheromone traps @ 4 per acre
- Collect the leaves having larvae and destroy them.

- The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
- Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Fruits

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.

- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,

Fruit Fly

- keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in sheep
 - Hemorrhagic Septicemia in Cattle, Buffaloes and Black Quarter in Cattle.

To prevent the diseases, vaccinate the animals.

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 02.03.2014 (Till Sunday morning)**

Bulletin No. XXV/16/2014

Dt: 25.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 15-23⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, on Friday light rains may occur at isolated places over North Telangana and Rayalaseema districts and dry weather may prevail over remaining parts of the state. The maximum and minimum temperatures are likely to range between 25-34⁰C and 15-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of leaf blast is noticed in Nalgonda, Mahabubnagar, Medak, Nizamabad and Karimnagar districts. The severe incidence was observed on Tellahamsa. To control, spray Isoprothiolane @ 1.5 ml per litre of water or Kasugamycin @ 2.5 ml per litre of water twice at 10 days interval.
- The incidence of brown spot was observed on MTU 1010 variety. To control, spray Carbendazim + Mancozeb @ 2g per litre of water twice at 10 days interval.
- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- Zinc deficiency is observed in late planted rice crop. To correct the deficiency spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Groundnut

- If incidence of *Spodoptera* is noticed, to control adopt the following IPM measures
 - Arrange bird perches @ 15-20 per acre.
 - Arrange pheromone traps @ 4 per acre
 - Collect the leaves having larvae and destroy them.
 - The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolphos @ 2 ml per litre of water.
 - Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Fruits

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,
Leaf miner
 - Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,
Fruit Fly
 - keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 05.03.2014 (Till Wednesday morning)**

Bulletin No. XXV/17/2014

Dt: 28.02.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 15-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, on Saturday and Sunday light rains may occur at isolated places over Telangana districts and dry weather may prevail over remaining parts of the state. The maximum and minimum temperatures are likely to range between 26-35⁰C and 15-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of leaf blast is noticed in Nalgonda, Mahabubnagar, Medak, Nizamabad and Karimnagar districts. The severe incidence was observed on Tellahamsa. To control, spray Isoprothiolane @ 1.5 ml per litre of water or Kasugamycin @ 2.5 ml per litre of water twice at 10 days interval.
- The incidence of brown spot was observed on MTU 1010 variety. To control, spray Carbendazim + Mancozeb @ 2g per litre of water twice at 10 days interval.
- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- Zinc deficiency is observed in late planted rice crop. To correct the deficiency spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Groundnut

- If incidence of *Spodoptera* is noticed, to control adopt the following IPM measures
 - Arrange bird perches @ 15-20 per acre.
 - Arrange pheromone traps @ 4 per acre
 - Collect the leaves having larvae and destroy them.
 - The initial instars can be controlled by spraying Monocrotophos @ 1.6 ml or Quinolophos @ 2 ml per litre of water.
 - Full grown larvae can be controlled by poison baiting (Rice bran @ 5-8 kg + Jaggery @ 500 g + Carbaryl @ 500 g) in the evening hours.

Fruits

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and powdery mildew in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,
Leaf miner
 - Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.
- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,
Fruit Fly
 - keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 09.03.2014 (Till Sunday morning)**

Bulletin No. XXV/18/2014

Dt: 04.03.2014

During last three days light to moderate rains occurred at few places in Telangana region and light rains occurred at isolated places over remaining parts of the State. The maximum and minimum temperatures ranged between 29-36⁰C and 16-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated over Telangana districts and light rains may occur over remaining parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-35⁰C and 14-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from fields.

Rice

- Incidence of leaf blast is noticed in Nalgonda, Mahabubnagar, Medak, Nizamabad and Karimnagar districts. The severe incidence was observed on Tellahamsa. To control, spray Isoprothiolane @ 1.5 ml per litre of water or Kasugamycin @ 2.5 ml per litre of water twice at 10 days interval.
- The incidence of brown spot was observed on MTU 1010 variety. To control, spray Carbendazim + Mancozeb @ 2g per litre of water twice at 10 days interval.
- Top dress the rice crop with 25-30 kg urea per acre which is at tillering stage.
- Monitor for the incidence of stem borer in paddy. If noticed, to control
Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.
- Zinc deficiency is observed in late planted rice crop. To correct the deficiency spray ZnSO₄ @ 2 g per litre of water 2-3 times at 5-7 days interval.

Maize

- Prevailing weather conditions are congenial for the incidence of Turicum leaf blight, Sheath blight, stem borer and aphids is noticed. To control

Turicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Sheath blight and Stem borer

- Spray Propiconazole @ 1 ml + Monocrotophos @ 1.6 ml per litre of water twice at 15-20 days interval.

Aphids

- Spray Monocrotophos @ 1.6 ml or Dimethoate @ 2 ml per litre of water.

Fruits

- Prevailing weather conditions are congenial for the incidence of Thrips, hoppers, anthracnose and powdery mildew in mango. To control,

Thrips

- Spray Carbaryl @ 3 g or Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of soil born diseases in vegetable crops, to control, drench the soil with Copper oxy chloride @ 3 g or Ridomil @ 2 g per litre of water.
- Prevailing weather conditions are congenial for the incidence of bacterial diseases in chillies to control, spray copper oxy chloride @ 3g and Streptocyclin @ 0.2 g per litre of water.
- Prevailing weather conditions are congenial for the incidence of thrips and white flies in Tomatoes. To control,

Thrips

- Spray Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.

White Flies

- Spray Dimethoate @ 2 ml per litre of water.

- If incidence of fruit fly and Red pumpkin beetle is noticed in gourds. To control,

Fruit Fly

- keep poison bait (100 ml Malathion + 100 g Jaggery per litre of water).

Red pumpkin Beetle

- Spray Carbaryl @ 3g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 12.03.2014 (Till Wednesday morning)**

Bulletin No. XXV/19/2014

Dt: 07.03.2014

During last three days light to moderate rains occurred at few places in Telangana and Rayalaseema region and light rains occurred at isolated places over remaining parts of the State. The maximum and minimum temperatures ranged between 23-36⁰C and 15-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over Telangana districts and light rains may occur over remaining parts of the state during next five days. The maximum and minimum temperatures are likely to range between 24-34⁰C and 15-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from fields.

Rice

- Prevailing weather conditions are congenial for the incidence of blast and stem rot. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Sorghum

- Prevailing weather conditions are congenial for the incidence of sooty mold and ergot. To control, spray Mancozeb @ 2 g or Propiconazole @ 0.5 ml per litre of water twice at weekly interval.

Fruits

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers, anthracnose and powdery mildew in mango. To control,

Thrips

- Spray Carbaryl @ 3 g or Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of soil born diseases in vegetable crops, to control, drench the soil with Copper oxy chloride @ 3 g or Ridomil @ 2 g or Carbendazim + Mancozeb (Saaf or Companion) @ 2 g and Streptocycline @ 0.1 g per litre of water.
- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g per litre of water.

Chillies

- Harvested chillies should be dried on tarpaulin.
- Postpone the harvesting of chillies due to rainfall forecast and before planning for harvesting spray with Captan @ 3g and Streptocycline @ 0.1 g per litre of water.
- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals



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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 16.03.2014 (Till Sunday morning)**

Bulletin No. XXV/20/2014

Dt: 11.03.2014

During last three days light to moderate rains occurred at few places in Telangana Region and light rains occurred at isolated places over remaining parts of the State. The maximum and minimum temperatures ranged between 27-36⁰C and 17-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 26-35⁰C and 17-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from fields.

Rice

- Prevailing weather conditions are congenial for the incidence of blast and stem rot. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Sorghum

- Prevailing weather conditions are congenial for the incidence of sooty mold and ergot. To control, spray Mancozeb @ 2 g or Propiconazole @ 0.5 ml per litre of water twice at weekly interval.

Fruits

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers, anthracnose and powdery mildew in mango. To control,

Thrips

- Spray Carbaryl @ 3 g or Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Powdery mildew

- Spray Karathane @ 1 ml or Thiophanate methyl @ 1 g per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 2.7 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for the incidence of soil born diseases in vegetable crops, to control, drench the soil with Copper oxy chloride @ 3 g or Ridomil @ 2 g or Carbendazim + Mancozeb (Saaf or Companion) @ 2 g and Streptocycline @ 0.1 g per litre of water.
- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g per litre of water.

Chillies

- Harvested chillies should be dried on tarpaulin.
- Postpone the harvesting of chillies due to rainfall forecast and before planning for harvesting spray with Captan @ 3g and Streptocycline @ 0.1 g per litre of water.
- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals



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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 19.03.2014 (Till Wednesday morning)**

Bulletin No. XXV/21/2014

Dt: 14.03.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-37⁰C and 16-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 28-37⁰C and 18-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of blast, stem rot and Hispa. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Fruits

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Imidacloprid @ 0.3 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 23.03.2014 (Till Sunday morning)**

Bulletin No. XXV/22/2014

Dt: 18.03.2014

During last three days light rains occurred at isolated places over North Coastal Andhra Pradesh and mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 31-38⁰C and 17-24⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-39⁰C and 18-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of blast, stem rot and Hispa. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Fruits

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.
- If incidence of leaf miner, Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Imidacloprid @ 0.3 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 26.03.2014 (Till Wednesday morning)**

Bulletin No. XXV/23/2014

Dt: 21.03.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-40°C and 17-25°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 31-40°C and 18-24°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of blast, stem rot and Hispa. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,

Mealy bugs

- Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.

Powdery mildew

- Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Imidacloprid @ 0.3 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 30.03.2014 (Till Sunday morning)**

Bulletin No. XXV/24/2014

Dt: 25.03.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 30-41⁰C and 17-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-41⁰C and 19-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of blast, stem rot and Hispa. To control

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 1 ml or Propiconazole @ 1 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.
- Monitor for the incidence of stem borer in paddy. If noticed, to control Adopt the following IPM measures.
 - Arrange 4 pheromone traps per acre to monitor the pest.
 - Apply Cartap hydrochloride 4G @ 8 kg per acre if 5 % dead hearts or 1 adult or egg mass is noticed per square meter area or spray Cartap hydrochloride 50 SP @ 2g per litre.

Maize

- Prevailing weather conditions are congenial for the incidence of Tursicum leaf blight and stalk rot. To control

Tursicum leaf blight

- Spray Mancozeb @ 2 g per litre of water

Stalk rot

- Soil drench with Carbendazim @ 1 g or Copper Oxychloride @ 3 g per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,

Mealy bugs

- Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.

Powdery mildew

- Spray Azoxystrobine @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobine + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Imidacloprid @ 0.3 ml per litre of water.

Chillies

- Prevailing weather conditions are congenial for the incidence of bacterial diseases. To control, spray Copper Oxy Chloride @ 3g and Streptocycline @ 0.1 g per litre of water.

Tomato

- Prevailing weather conditions are congenial for the incidence of bacteria leaf blight in tomato. To control, spray Chlorothalonil @ 2 g Captan @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 02.04.2014 (Till Wednesday morning)**

Bulletin No. XXV/25/2014

Dt: 28.03.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 31-41⁰C and 18-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-41⁰C and 18-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of Stem Borer, Hispa , Blast and stem rot. To control

Stem Borer

- Spray Cartap hydrochloride @ 2 g or Acephate @ 1.5 g or Chlorantraniliprole @ 0.4 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 2 ml or Propiconazole @ 1 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,

Mealy bugs

- Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.

Powdery mildew

- Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fipronil @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 06.04.2014 (Till Sunday morning)**

Bulletin No. XXV/26/2014

Dt: 01.04.2014

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-42⁰C and 20-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 31-44⁰C and 19-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of Stem Borer, Hispa, Blast and stem rot. To control

Stem Borer

- Spray Cartap hydrochloride @ 2 g or Acephate @ 1.5 g or Chlorantraniliprole @ 0.4 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 2 ml or Propiconazole @ 1 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,
Mealy bugs
 - Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.**Powdery mildew**
 - Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fipronil @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 09.04.2014 (Till Wednesday morning)**

Bulletin No. XXV/27/2014

Dt: 04.04.2014

During last three days light rains occurred at isolated places over Nalgonda, Mahabubnagar and Rangareddy districts and mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 31-43⁰C and 19-27⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Mahabubnagar. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-41⁰C and 20-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Prevailing weather conditions are congenial for the incidence of Stem Borer, Hispa, Blast and stem rot. To control

Stem Borer

- Spray Cartap hydrochloride @ 2 g or Acephate @ 1.5 g or Chlorantraniliprole @ 0.4 ml per litre of water.

Hispa

- Spray Profenophos @ 2 ml per litre of water.

Blast

- Spray Tricyclozole @ 0.6 g or Isoprothiolone @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water.

Stem rot

- Spray Validamycin @ 2 ml or Propiconazole @ 1 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,
Mealy bugs
 - Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.**Powdery mildew**
 - Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fipronil @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 13.04.2014 (Till Sunday morning)**

Bulletin No. XXV/28/2014

Dt: 09.04.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 31-42⁰C and 19-27⁰C, respectively. The highest maximum temperature of 42⁰C was recorded at Warangal, Kurnool and Anantapur. As per the forecast received from Meteorological Centre, Hyderabad, dry light rains may occur at isolated places over different parts of the state during next three days. The maximum and minimum temperatures are likely to range between 27-42⁰C and 20-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Organge

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Mealy bugs and Powdery mildew is noticed in grape. To control,

Mealy bugs

- Spray Dichlorovos @ 1 ml or Methomyl @ 1 g per litre of water twice at one week interval.

Powdery mildew

- Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 16.04.2014 (Till Wednesday morning)**

Bulletin No. XXV/29/2014

Dt: 11.04.2014

During last three days light to moderate rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 31-43⁰C and 20-27⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over Coastal Andhra, Rayalaseema and North Telangana districts during next four days. The maximum and minimum temperatures are likely to range between 27-42⁰C and 20-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Prevailing weather conditions are congenial for the incidence of thrips, hoppers and anthracnose in mango. To control,

Thrips

- Spray Fipronil @ 2 ml per litre of water.

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Sweet Orange

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- If incidence of Powdery mildew and Alternaria leaf blight is noticed in grape. To control,

Powdery mildew

- Spray Azoxystrobin @ 0.6 ml per litre of water and after 15 days spray Trifloxystrobin + Tebuconazole @ 0.25 g per litre of water.

Alternaria leaf blight

- Spray Propiconazole @ 1 ml or Hexaconazole @ 1ml or Chlorothalonil @ 2.25ml per litre of water.

- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 20.04.2014 (Till Sunday morning)**

Bulletin No. XXV/30/2014

Dt: 15.04.2014

During last three days light to moderate rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 31-42⁰C and 19-27⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light rains or thunder showers may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 25-43⁰C and 19-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and Fruit fly in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Fruit Fly

- To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard

Sweet Orange

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Incidence of Mealy bugs is noticed in grape. To control, remove the bark and apply mixture of Carbaryl @ 6 g + Copper-Oxy-Chloride @ 10 g + Neem oil @ 1 ml + Grease @ 1 ml per litre of water on the stem.
- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Collect and discard the hailstorm damaged fruits, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water twice at one week interval to control major diseases.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 22.04.2014 (Till Tuesday morning)**

Bulletin No. XXV/31/2014

Dt: 17.04.2014

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 32-43⁰C and 21-27⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-44⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers, anthracnose and Fruit fly in mango. To control,

Hoppers & Anthracnose

- Spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g or Hexaconazole @ 2ml per litre of water.
- To prevent flower and fruit drop in mango, spray planofix @ 2.5 ml per 10 litre of water.

Fruit Fly

- To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard

Sweet Orange

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,

Leaf miner

- Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.

Mites

- Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Incidence of Mealy bugs is noticed in grape. To control, remove the bark and apply mixture of Carbaryl @ 6 g + Copper-Oxy-Chloride @ 10 g + Neem oil @ 1 ml + Grease @ 1 ml per litre of water on the stem.
- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Collect and discard the hailstorm damaged fruits, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water twice at one week interval to control major diseases.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 27.04.2014 (Till Sunday morning)**

Bulletin No. XXV/32/2014

Dt: 22.04.2014

During last three days light rains occurred at isolated places over Telangana and North Coastal Andhra Pradesh. The maximum and minimum temperatures ranged between 29-43⁰C and 20-27⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Rentachintala and Khammam. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 32-44⁰C and 20-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of leaf miner and Mites is noticed in sweet orange. To control,
Leaf miner
 - Spray Dimethoate @ 2 ml or Imidacloprid @ 0.5 ml twice at 10 days interval on fresh flush.**Mites**
 - Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 30.04.2014 (Till Wednesday morning)

Bulletin No. XXV/33/2014

Dt: 25.04.2014

During last three days light rains occurred at isolated places over Visakhapatnam, West Godavari and Telangana Districts and dry weather prevailed over remaining parts of the state. The maximum and minimum temperatures ranged between 33-44⁰C and 20-27⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-44⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Organge

- If incidence of Mites is noticed in sweet orange. To control,
Mites
 - Spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 04.05.2014 (Till Sunday morning)

Bulletin No. XXV/34/2014

Dt: 29.04.2014

During last three days light rains occurred at isolated places over Visakhapatnam and Anantapur Districts and dry weather prevailed over remaining parts of the state. The maximum and minimum temperatures ranged between 32-44⁰C and 21-30⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Rentachintala and Nizamabad. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-44⁰C and 21-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Organge

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculam of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 07.05.2014 (Till Wednesday morning)

Bulletin No. XXV/35/2014

Dt: 02.05.2014

During last three days light rains occurred at isolated places over Visakhapatnam, Srikakulam and Mahabubnagar Districts and dry weather prevailed over remaining parts of the state. The maximum and minimum temperatures ranged between 32-44⁰C and 23-29⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Rentachintala and Khammam. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-44⁰C and 19-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Grape

- Spray 1% Bordeaux Mixture (Dissolve 1kg Copper Sulphate in 50 litre of water in plastic bucket, dissolve 1 kg quick lime in 50 litres of water separately in a plastic bucket, pour copper sulphate solution into the lime water slowly with constant stirring) before and after pruning to prevent the inoculum of various diseases already existing in the fields.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 11.05.2014 (Till Sunday morning)**

Bulletin No. XXV/36/2014

Dt: 06.05.2014

During last three days light to moderate rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 31-45⁰C and 21-29⁰C, respectively. The highest maximum temperature of 45⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 28-44⁰C and 19-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- If the incidence of sucking pests is noticed. To control, spray Acephate @ 1.5 g or Fiproni @ 2 ml or Thiomethoxam @ 0.4 g or Imidacloprid @ 0.3 ml per litre of water.
- Incidence of Mites is noticed. To control, spray Propargite @ 2 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET and Sheep pox in sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 14.05.2014 (Till Wednesday morning)**

Bulletin No. XXV/37/2014

Dt: 09.05.2014

During last three days moderate to rather heavy rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 32-44⁰C and 21-29⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, moderate to heavy rains may occur over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 27-41⁰C and 19-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Due to heavy rain forecast farmers are advised to postpone harvesting crop.
- Spray 5% salt solution to rice crop at maturity stage to prevent grain discolouration and germination.
- Harvested rice should be sprayed with 5% salt solution after receding of water from the field.
- Harvested rice should be covered with Tarpaulin and may be sprayed with 5% salt solution.

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- Drainout excess water from the fields.
- Drench nursery beds with Copper-Oxy-Chloride @ 3 g per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH FOR THE PERIOD ENDING 18.05.2014 (Till Sunday morning)

Bulletin No. XXV/38/2014

Dt: 13.05.2014

During last three days moderate to rather heavy rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 26-43°C and 21-29°C, respectively. The highest maximum temperature of 43°C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 31-46°C and 22-29°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Spray 5% salt solution to rice crop at maturity stage to prevent grain discolouration and germination.
- Harvested rice should be sprayed with 5% salt solution after receding of water from the field.

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- Drench nursery beds with Copper-Oxy-Chloride @ 3 g per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 21.05.2014 (Till Wednesday morning)**

Bulletin No. XXV/39/2014

Dt: 16.05.2014

During last three days light rains occurred at isolated places over North Coastal Andhra Pradesh and dry weather prevailed over remaining parts of the state. The maximum and minimum temperatures ranged between 37-45⁰C and 23-31⁰C, respectively. The highest maximum temperature of 45⁰C was recorded at Ongole and Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, dry weather may prevail over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-45⁰C and 20-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Dig the pits for planting new orchards.

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- Drench nursery beds with Copper-Oxy-Chloride @ 3 g per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 25.05.2014 (Till Sunday morning)**

Bulletin No. XXV/40/2014

Dt: 20.05.2014

During last three days light rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 33-46⁰C and 21-31⁰C, respectively. The highest maximum temperature of 46⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 33-44⁰C and 22-31⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Dig the pits for planting new orchards.

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Organge

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- Drench nursery beds with Copper-Oxy-Chloride @ 3 g per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 28.05.2014 (Till Wednesday morning)**

Bulletin No. XXV/41/2014

Dt: 23.05.2014

During last three days light to moderate rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 32-43⁰C and 21-31⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Bapatla, Adilabad and Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, on Monday, Tuesday and Wednesday light to moderate rains may occur at isolated places over different parts of the state. The maximum and minimum temperatures are likely to range between 34-44⁰C and 21-32⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Dig the pits for planting new orchards.

Mango

- Incidence of fruit fly is noticed. To trap the flies in the container, hang the plastic containers with mixture of methyl eugenol @ 2 ml + carbofuran 3G @ 3g per litre of water in the orchard.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Vegetables

- Drench nursery beds with Copper-Oxy-Chloride @ 3 g per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 01.06.2014 (Till Sunday morning)**

Bulletin No. XXV/42/2014

Dt: 27.05.2014

During last three days moderate to rather heavy rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 28-47⁰C and 20-31⁰C, respectively. The highest maximum temperature of 47⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 29-44⁰C and 20-32⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Dig the pits for planting new orchards.

Sweet Orange

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF ANDHRA PRADESH
FOR THE PERIOD ENDING 04.06.2014 (Till Wednesday morning)**

Bulletin No. XXV/43/2014

Dt: 30.05.2014

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 31-44⁰C and 21-30⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Rentachintala. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the state during next five days. The maximum and minimum temperatures are likely to range between 30-44⁰C and 22-33⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Dig the pits for planting new orchards.

Sweet Organge

- If incidence of Mites is noticed in sweet orange. To control, spray Wettable Sulphur @ 3 g or Dicofol @ 5 ml per litre of water.

Poultry

To minimize the summer effect, the following management practices need to be adopted

- Arrange fans and foggers in sheds
- Cover the sheds with paddy straw and arrange sprinklers
- Feed poultry birds with wet mash to increase the feed intake
- Provide cool water for drinking.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

**Director
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