



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 TELANGANA FOR
THE PERIOD ENDING 08.06.2014 (Till Sunday morning)

Bulletin No. XXV/44/2014

Dt: 03.06.2014

During last three days moderate to rather heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 39-46⁰C and 26-32⁰C, respectively. The highest maximum temperature of 46⁰C was recorded at Hanmakonda. 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 37-43⁰C and 26-41⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take up summer ploughing to control weeds, hibernating pests and disease spores that may damage *kharif* crops.
- Procure the quality seeds and fertilizers for taking up timely sowing of rainfed crops like cotton, jowar, maize, castor, groundnut, pigeonpea, greengram etc.
- 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
Agro Climate Research Centre (ACRC)
ANGRAU, Rajendranagar, Hyd-30.



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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 11.06.2014 (Till Wednesday morning)**

Bulletin No. XXV/45/2014

Dt: 06.06.2014

During last three days moderate to rather heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 33-44⁰C and 20-29⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, on Saturday light to moderate rains may occur at isolated places over Mahabubnagar, Khammam and Nalgond Districts and dry weather may prevail over remaining parts of the state during next five days. The maximum and minimum temperatures are likely to range between 32-44⁰C and 25-32⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Don't take-up the sowing of rainfed crops by utilizing the current pre-monsoon shower.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Take-Up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Do not sow cotton and soybean in light soils under rainfed conditions.

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

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To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 15.06.2014 (Till Sunday morning)**

Bulletin No. XXV/46/2014

Dt: 10.06.2014

During last three days light rains occurred at isolated places over Nizamabad and Warangal Districts and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 38-46°C and 25-33°C, respectively. The highest maximum temperature of 46°C was recorded at Adilabad. 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 36-45°C and 24-32°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Don't take-up the sowing of rainfed crops by utilizing the current pre-monsoon shower.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Take-Up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Do not sow cotton and soybean in light soils under rainfed conditions.

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
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- Provide cool water for drinking.

Cattle and buffaloes

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 - ET in Sheep
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 18.06.2014 (Till Wednesday morning)

Bulletin No. XXV/47/2014

Dt: 13.06.2014

During last three days light rains occurred at isolated places over Adilabad, Nizamabad and Karimnagar Districts and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 34-44⁰C and 22-32⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Adilabad. 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 35-40⁰C and 24-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Don't take-up the sowing of rainfed crops by utilizing the current pre-monsoon shower.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Take-Up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Do not sow cotton and soybean in light soils under rainfed conditions.
- 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

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 22.06.2014 (Till Sunday morning)**

Bulletin No. XXV/48/2014

Dt: 17.06.2014

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 33-43⁰C and 23-28⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Hanmakonda. 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 34-41⁰C and 24-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Don't take-up the sowing of rainfed crops by utilizing the current pre-monsoon showers.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Take-up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Do not sow cotton and soybean in light soils under rainfed conditions.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.

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
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 25.06.2014 (Till Wednesday morning)**

Bulletin No. XXV/49/2014

Dt: 20.06.2014

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 23-30⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at Hanmakonda. 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 26-36⁰C and 23-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Southwest monsoon has covered the most of the Telangana region on 19th June.
- Take-up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Do not sow cotton and soybean in light soils under rainfed conditions.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.

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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 29.06.2014 (Till Sunday morning)**

Bulletin No. XXV/50/2014

Dt: 24.06.2014

During last three days light rains occurred at isolated places over Mahabubnagar and Khammam Districts and dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 33-39°C and 25-30°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, on Saturday and Sunday light rains may occur at isolated places over different parts of the State. The maximum and minimum temperatures are likely to range between 30-38°C and 24-28°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take-up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rainfed crops.
- Do not sow cotton and soybean in light soils under rainfed conditions.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 02.07.2014 (Till Wednesday morning)

Bulletin No. XXV/51/2014

Dt: 27.06.2014

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 35-41⁰C and 24-31⁰C, 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 24-36⁰C and 21-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take-up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rained crops.
- Do not sow cotton and soybean in light soils under rainfed conditions.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.

Cattle and buffaloes

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 06.07.2014 (Till Sunday morning)

Bulletin No. XXV/52/2014

Dt: 01.07.2014

During last three days light to rather heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 31-40⁰C and 23-29⁰C, 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 32-39⁰C and 22-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take-up sowing of rainfed crops like cotton, maize, groundnut, jowar, pulses etc., only after getting the soil wet upto top 15 cm after onset of South-West monsoon rains.
- Avoid sowing of greengram and jowar after June 30th.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.

Cattle and buffaloes

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 09.07.2014 (Till Wednesday morning)**

Bulletin No. XXV/53/2014

Dt: 04.07.2014

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 35-41⁰C and 23-31⁰C, 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 35-39⁰C and 24-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take-up sowing of rainfed crops like cotton, maize, groundnut, pulses etc., with sufficient soil moisture in top 15 cm.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.

Cattle and buffaloes

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 13.07.2014 (Till Sunday morning)**

Bulletin No. XXV/54/2014

Dt: 08.07.2014

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 29-40⁰C and 23-29⁰C, 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 26-34⁰C and 22-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Take-up sowing of rainfed crops like cotton, maize, groundnut, pulses etc., with sufficient soil moisture in top 15 cm.
- 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.
- 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.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.

Cattle and buffaloes

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 16.07.2014 (Till Wednesday morning)**

Bulletin No. XXV/55/2014

Dt: 11.07.2014

During last three days moderate to heavy rains occurred at most places over different parts of the State. The maximum and minimum temperatures ranged between 29-38⁰C and 22-27⁰C, 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 26-36⁰C and 22-36⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of these rains complete the sowing of rainfed crops like cotton, maize, groundnut, pulses etc., at the earliest possible.
- 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.
- 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.
- Dig the pits for planting new orchards.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.

Cattle and buffaloes

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 20.07.2014 (Till Sunday morning)**

Bulletin No. XXV/56/2014

Dt: 15.07.2014

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 28-37⁰C and 22-27⁰C, 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 29-34⁰C and 22-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for crops sown in June.
- By taking advantage of these rains complete the sowing of rainfed crops like cotton, maize, groundnut, soybean and redgram at the earliest possible.
- 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.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed castor crop. 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.

Rice

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

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.
- 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.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.

Cattle and buffaloes

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 23.07.2014 (Till Wednesday morning)**

Bulletin No. XXV/57/2014

Dt: 18.07.2014

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 27-35⁰C and 22-27⁰C, 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 25-35⁰C and 22-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for crops sown in June.
- By taking advantage of these rains complete the sowing of rainfed crops like cotton, maize, groundnut, soybean and redgram at the earliest possible.
- 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.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed castor crop. 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.

Rice

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

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.
- 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.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 27.07.2014 (Till Sunday morning)**

Bulletin No. XXV/58/2014

Dt: 22.07.2014

During last three days light to moderate rains occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 26-37⁰C and 22-27⁰C, 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 24-32⁰C and 21-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for crops sown in June.
- By taking advantage of these rains complete the sowing of rainfed crops like castor, sunflower, soybean and redgram at the earliest possible.
- 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.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed castor crop. 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.

Rice

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

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.
- 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.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of damping off is noticed in vegetable nurseries. To control, drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 30.07.2014 (Till Wednesday morning)**

Bulletin No. XXV/59/2014

Dt: 25.07.2014

During last three days light to moderate rains occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 26-37⁰C and 21-26⁰C, 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 26-34⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for crops sown in June.
- By taking advantage of these rains complete the sowing of rainfed crops like castor, sunflower, soybean and redgram at the earliest possible.
- 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.
- Apply 12 kg nitrogen, 16 kg phosphorus and 12 kg potassium per acre at the time of sowing as basal application to the rainfed castor crop. 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.

Rice

- 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 incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.
- 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.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 02.08.2014 (Till Saturday morning)**

Bulletin No. XXV/60/2014

Dt: 28.07.2014

During last three days moderate to rather heavy rains occurred at most places over different parts of the state. The maximum and minimum temperatures ranged between 31-39⁰C and 21-27⁰C, 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 26-33⁰C and 22-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for different crops.
- By taking advantage of recent rains complete the sowing of rainfed crops like castor, sunflower and redgram at the earliest possible.
- To prevent the seed borne diseases, treat the seeds before sowing of the crops with fungicides.
- 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 to the rainfed castor. Within 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.
- 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 20-25 days after sowing as top dressing in Bt cotton. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.

- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 days after sowing.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or azimor carbend 12% + Mancozeb 63% (Saff, Companion, Master etc.,) @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

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

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 06.08.2014 (Till Wednesday morning)**

Bulletin No. XXV/61/2014

Dt: 01.08.2014

During last four days light rains occurred at few places over different parts of the state. The maximum and minimum temperatures ranged between 26-33⁰C and 22-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, isolated rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 29-33⁰C and 22-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for different crops.
- By taking advantage of recent rains complete the sowing of rainfed crops like castor, sunflower and redgram at the earliest possible.
- To prevent the seed borne diseases, treat the seeds before sowing of the crops with fungicides.
- 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 to the rainfed castor. Within 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.
- 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 20-25 days after sowing as top dressing in Bt cotton. Farmers should not apply 'P' fertilizers beyond 20 days after sowing.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.
- In direct sown or drum seeded rice seedling rot or brown spots on leaves was observed due to soil borne fungi. To control, spray Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.,) @ 3g per litre of water.

Cotton

- Mealy bug incidence is noticed in Mahaboobnagar, Nalgonda and Warangal districts. To control, remove the weeds on bunds and destroy.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.,) @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.
- Mortality of young seedlings was observed due to water logging in some places. To minimize the damage drainout excess water from the field and spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g / Streptocycline @ 1g in 10 litres of water.

Maize

- If incidence of stem borer is noticed, spray Chloratraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 10.08.2014 (Till Sunday morning)**

Bulletin No. XXV/62/2014

Dt: 05.08.2014

During last four days light rains occurred at few places over different parts of the state. The maximum and minimum temperatures ranged between 29-37⁰C and 22-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, isolated rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 26-34⁰C and 20-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for different crops.
- By taking advantage of recent rains complete the sowing of rainfed crops like castor, sunflower and redgram at the earliest possible.
- To prevent the seed borne diseases, treat the seeds before sowing of the crops with fungicides.
- By taking advantage of recent rains take up sowing with suitable castor varieties.
- 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 to the rainfed castor. Within 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.
- 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 20-25 days after sowing as top dressing in Bt cotton.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.
- In direct sown or drum seeded rice seedling rot or brown spots on leaves was observed due to soil borne fungi. To control, spray Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.,) @ 3g per litre of water.

Cotton

- Mealy bug incidence is noticed. To control, remove the weeds on bunds and destroy.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.) @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

- If incidence of stem borer is noticed, spray Chloratraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem girdle is noticed. To control spray Chlorpyriphos @ 2.5 ml per litre of water.
- Incidence of yellow vien mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR THE PERIOD ENDING 13.08.2014 (Till Wednesday morning)

Bulletin No. XXV/63/2014

Dt: 08.08.2014

During last four days light to moderate rains occurred at few places over North Telangana and isolated light rains occurred over South Telangana districts of the state. The maximum and minimum temperatures ranged between 27-37°C and 21-26°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, isolated rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 28-35°C and 22-26°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- By taking advantage of recent rains, farmers can go for application of fertilizers as top dressing for different crops.
- By taking advantage of recent rains complete the sowing of rainfed crops like castor, sunflower and redgram at the earliest possible.
- To prevent the seed borne diseases, treat the seeds before sowing of the crops with fungicides.
- By taking advantage of recent rains take up sowing with suitable castor varieties.
- 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 to the rainfed castor. Within 48 hours after sowing, spray pre emergence herbicide pendimethalin @ 1.3 litres per acre to control weeds.
- 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.
- 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 20-25 days after sowing as top dressing in Bt cotton.
- By taking advantage of recent rains apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 10 kg or phorate @ 4 kg per acre at 15-20 days after transplanting.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.
- In direct sown or drum seeded rice seedling rot or brown spots on leaves was observed due to soil borne fungi. To control, spray Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.,) @ 3g per litre of water.

Cotton

- Mealy bug incidence is noticed. To control, remove the weeds on bunds and destroy.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g (sprint) or Carbendazim 12% + Mancozeb 63% (Saaf, Companion, Master etc.,) @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

- If incidence of stem borer is noticed, spray Chloratraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem girdle is noticed. To control spray Chlorpyriphos @ 2.5 ml per litre of water.
- Incidence of yellow vien mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR THE PERIOD ENDING 17.08.2014 (Till Sunday morning)

Bulletin No. XXV/64/2014

Dt: 12.08.2014

During last four days light rains occurred at isolated places over different parts of the state. The maximum and minimum temperatures ranged between 31-37⁰C and 22-27⁰C, 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 28-36⁰C and 21-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Under prevailing weather conditions frequently inter cultivate the fields of ID crops and rainfed crops to control weeds and to conserve soil moisture.
- If sufficient soil moisture is available apply 30-35 kg urea and 10 kg Muriate of Potash per acre at 20-25 and 40-45 days after sowing as top dressing in Bt cotton.
- If sufficient soil moisture is available apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 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.
- In areas, where over aged rice seedlings to be transplanted, the following practices should be adopted to manage over aged seedlings.
 - Clipping of leaf tips
 - Increase number of seedlings to 4-6/hill.
 - Maintain 40 to 50 hills/ m²
 - Apply 2/3rd nitrogen as basal and 1/3rd at panicle initiation stage.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Mealy bug incidence is noticed. To control, remove the weeds on bunds and destroy. If incidence is severe spray Profenophos @ 3 ml or Acephate @ 2 g per litre of water mixing detergent surf @ 10 g per tank.
- To prevent the incidence of sucking pests in cotton, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing.

Maize

- If incidence of stem borer is noticed, spray Chlorantraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Greengram

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Propiconazole @ 2.0 ml and Plantamycin @ 0.2 g per litre of water to control the insect vector thrips.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - 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

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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR THE PERIOD ENDING 19.08.2014 (Till Tuesday morning)

Bulletin No. XXV/65/2014

Dt: 14.08.2014

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 30-36⁰C and 22-28⁰C, 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 28-34⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Under prevailing dry weather conditions frequently inter cultivate the fields of ID crops and rainfed crops to control weeds and to conserve soil moisture.
- If sufficient soil moisture is available apply 30-35 kg urea and 10 kg Muriate of Potash per acre at 20-25 and 40-45 days after sowing as top dressing in Bt cotton.
- If sufficient soil moisture is available apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 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.
- In areas, where over aged rice seedlings to be transplanted, the following practices should be adopted to manage over aged seedlings.
 - Clipping of leaf tips
 - Increase number of seedlings to 4-6/hill.
 - Maintain 40 to 50 hills/ m²
 - Apply 2/3rd nitrogen as basal and 1/3rd at panicle initiation stage.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Mealy bug incidence is noticed. To control, remove the weeds on bunds and destroy. If incidence is severe spray Profenophos @ 3 ml or Acephate @ 2 g per litre of water mixing detergent surf @ 10 g per tank.
- Prevailing dry weather conditions are congenial for the incidence of sucking pests in cotton. To control, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing. If needed spray with Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Maize

- If incidence of stem borer is noticed, spray Chlorantraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- Prevailing dry weather conditions are favourable for incidence of white fly, which transmits the yellow mosaic virus. If incidence of yellow mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Greengram

- Incidence of yellow mosaic virus is noticed. Prevent the disease by spraying Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water to control the insect vector white fly.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 22.08.2014 (Till Friday morning)**

Bulletin No. XXV/66/2014

Dt: 18.08.2014

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 29-37°C and 23-27°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. The maximum and minimum temperatures are likely to range between 28-35°C and 21-25°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Under prevailing dry weather conditions frequently inter cultivate the fields of ID crops and rainfed crops to control weeds and to conserve soil moisture.
- If sufficient soil moisture is available apply 30-35 kg urea and 10 kg Muriate of Potash per acre at 20-25 and 40-45 days after sowing as top dressing in Bt cotton.
- If sufficient soil moisture is available apply 45-50 kg urea per acre at 25-30 days after sowing as top dressing to the rainfed maize.

Rice

- 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 @ 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.
- In areas, where over aged rice seedlings to be transplanted, the following practices should be adopted to manage over aged seedlings.
 - Clipping of leaf tips
 - Increase number of seedlings to 4-6/hill.
 - Maintain 40 to 50 hills/ m²
 - Apply 2/3rd nitrogen as basal and 1/3rd at panicle initiation stage.
- Incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyrifos @ 2.5 ml per litre of water.

Cotton

- Mealy bug incidence is noticed. To control, remove the weeds on bunds and destroy. If incidence is severe spray Profenophos @ 3 ml or Acephate @ 2 g per litre of water mixing detergent surf @ 10 g per tank.
- Prevailing dry weather conditions are congenial for the incidence of sucking pests in cotton. To control, apply Monocrotophos and water in 1:4 ratio with soft brush on tender part of the stem at 20 and 40 days after sowing. If needed spray with Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water.

Maize

- If incidence of stem borer is noticed, spray Chlorantraniliprole @ 0.3 ml per litre of water to the 15days old crop. If incidence is observed above 15days old crop apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- Prevailing dry weather conditions are favourable for incidence of white fly, which transmits the yellow mosaic virus. If incidence of yellow mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Greengram

- Incidence of yellow mosaic virus is noticed. Prevent the disease by spraying Monocrotophos @ 1.6 ml or Acephate @ 1.5 g per litre of water to control the insect vector white fly.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 27.08.2014 (Till Wednesday morning)**

Bulletin No. XXV/67/2014

Dt: 22.08.2014

During last three days light to moderate rains occurred at few places over different parts of the state. The maximum and minimum temperatures ranged between 33-37°C and 21-27°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. The maximum and minimum temperatures are likely to range between 28-35°C and 21-25°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Frequently inter cultivate the fields of ID crops and rainfed crops to control weeds and to conserve soil moisture.

Rice

- 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 @ 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.
- If incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyriphos @ 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 20, 40 and 60 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, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g or Carbendazim 12% + Mancozeb 63% @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

- By taking advantage of recent rains, 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.
- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- If incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Vegetable

- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/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.
 - Black quarter in cattle.

To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 31.08.2014 (Till Sunday morning)**

Bulletin No. XXV/68/2014

Dt: 26.08.2014

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 29-38⁰C and 22-26⁰C, 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 28-32⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Frequently inter cultivate the fields of ID crops and rainfed crops to control weeds and to conserve soil moisture.

Rice

- 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 @ 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.
- If incidence of hispa is noticed. To control, spray Profenophos @ 2 ml or Chlorpyriphos @ 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 20, 40 and 60 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, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g or Carbendazim 12% + Mancozeb 63% @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

- By taking advantage of recent rains, 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.
- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- If incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR THE PERIOD ENDING 02.09.2014 (Till Tuesday morning)

Bulletin No. XXV/69/2014

Dt: 28.08.2014

During last three days moderate to rather heavy rains occurred at many places over different parts of the state as monsoon has been active over the State. The maximum and minimum temperatures ranged between 29-38⁰C and 21-26⁰C, 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 to very heavy rains may occur over Adilabad, Nizamabad, Khammam, Rangareddy, Karimnagar and Medak districts during next three days. The maximum and minimum temperatures are likely to range between 26-32⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- 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 @ 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.
- If incidence of hispa is noticed. To control, 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 20, 40 and 60 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, 40 and 60 days after sowing or spray monocrotophos @ 2 ml or acephate 1.5 g per litre of water.
- Reddening of leaves due to *Rhizoctonia* root rot is observed. To control, soil drench with Copper-Oxy-Chloride @3g or Carbendazim 25% + Mancozeb 50% @ 2.5g or Carbendazim 12% + Mancozeb 63% @ 3g per litre of water around the root zone of young seedlings 2-3 times at 7-10 days interval to avoid further spread of the root rot.

Maize

- By taking advantage of recent rains, 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.
- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.

Soyabean

- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g per litre of water.
- If incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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**WEATHER BASED AGRO ADVISORIES FOR THE STATE OF TELANGANA FOR
THE PERIOD ENDING 07.09.2014 (Till Sunday morning)**

Bulletin No. XXV/70/2014

Dt: 02.09.2014

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 25-31⁰C and 21-26⁰C, 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 25-30⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- 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 @ 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 blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- By taking advantage of recent rains, apply 30-35 kg urea and 10 kg muriate of Potash per acre at 20, 40 and 60 days after sowing as top dressing.
- 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.
- 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.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Maize

- By taking advantage of recent rains, 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.
- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.

- Prevailing excess moisture conditions are congenial for the incidence of stalk rot is noticed. To control, alongwith top dressing Urea @ 45-50 kg mix with Sprint (Carbendazim 25% + Mancozeb 50%) @ 500 g per acre.

Soyabean

- Incidence of Spodoptera is noticed. If the larva is at first and second stage spray Chlorpyrifos @ 2.5 ml or Acephate @ 1.0 g per litre of water, if the larva is at third and fourth stage adopt integrated pest management practices.
- If incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Castor

- By taking advantage of recent rains, apply 15 kg urea per acre at 30-35 days and 60-65 days old crop 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 10.09.2014
(Till Wednesday morning)

Bulletin No. XXV/71/2014

Dt: 05.09.2014

During last three days mainly dry weather prevailed over different parts of the state and last 24 hours light to moderate rains occurred at isolated places over Khammam and Warangal districts of the State. The maximum and minimum temperatures ranged between 26-35⁰C and 22-26⁰C, 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 18-24⁰C, 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 blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

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, 40 and 60 days after sowing or spray monocrotophos @ 2 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 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.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Maize

- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.
- Prevailing excess moisture conditions are congenial for the incidence of stalk rot is noticed. To control, alongwith top dressing Urea @ 45-50 kg mix with (Carbendazim 25% + Mancozeb 50%) @ 500 g per acre.

Soyabean

- Incidence of Spodoptera is noticed. If the larva is at first and second stage spray Chlorpyrifos @ 2.5 ml or Acephate @ 1.0 g per litre of water, if the larva is at third and fourth stage adopt integrated pest management practices.
- If incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Triazophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector white fly.

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 14.09.2014
(Till Sunday morning)

Bulletin No. XXV/72/2014

Dt: 09.09.2014

During last four days heavy to very heavy rains occurred at many places over North Telangana and light to moderate rains occurred at few places over South Telangana Districts of the State. The maximum and minimum temperatures ranged between 23-33⁰C and 21-25⁰C, 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. The maximum and minimum temperatures are likely to range between 24-33⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields.

Rice

- In flood affected areas the incidence of Bacterial Leaf Blight (BLB) was observed.
- Temporarily postpone (5-7 days) the application of Nitrogen fertilizers to avoid the further spread of BLB.
- wherever the fields are inundated and damaged hills are found gap fill with survived hills (split into individual tillers)
- Due to cloudy and high relative humidity and drizzle weather the incidence of blast is noticed. The incidence is more severe in CV BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- Apply a booster dose of 30 kg urea + 15 kg MOP per acre, intercultivate to create better aeration in areas received heavy rains
- In water logged areas spray Multi K (13-0-45) @ 10 g per litre of water.
- 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Maize

- Apply 25 kg Urea + 10 kg MOP per acre after draining excess water in areas received heavy rains.
- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.

- Prevailing excess moisture conditions are congenial for the incidence of stalk rot is noticed. To control, alongwith top dressing Urea @ 45-50 kg mix with (Carbendazim 25% + Mancozeb 50%) @ 500 g per acre.

Redgram

- Spray 1% KNO₃ or water soluble fertilizers like 19-19-19, 20-20-20, 21-21-21 @ 1% in water logged areas.
- Take up timely control measures against the out break of pests like Spodoptera, Helicoverpa etc.,

Soyabean

- Incidence of Spodoptera is noticed. If the larva is at first and second stage spray Chlorpyrifos @ 2.5 ml or Acephate @ 1.0 g per litre of water, if the larva is at third and fourth stage adopt integrated pest management practices.

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 17.09.2014
(Till Wednesday morning)

Bulletin No. XXV/73/2014

Dt: 12.09.2014

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 27-35⁰C and 21-25⁰C, 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 28-35⁰C and 22-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of blast is noticed. The incidence is more severe in CV BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- Incidence of sucking pests is noticed. To control, spray monocrotophos @ 2 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 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Prevailing weather conditions are congenial for the incidence of leaf sport diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Maize

- If incidence of stem borer is noticed, apply Carbofuran 3G @ 4 kg per acre in the whorls.
- Prevailing excess moisture conditions are congenial for the incidence of stalk rot is noticed. To control, alongwith top dressing Urea @ 45-50 kg mix with (Carbendazim 25% + Mancozeb 50%) @ 500 g per acre.

Redgram

- Take up timely control measures against the out break of pests like Spodoptera, Helicoverpa etc.,

Soyabean

- Incidence of Spodoptera is noticed. If the larva is at first and second stage spray Chlorpyrifos @ 2.5 ml or Acephate @ 1.0 g per litre of water, if the larva is at third and fourth stage adopt integrated pest management practices.

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 21.09.2014

(Till Sunday morning)



Bulletin No. XXV/74/2014

Dt: 16.09.2014

During last four days light to moderate rains occurred at few places over different parts of the State. During last 48 hours moderate to rather heavy rains occurred at few places in Mahabubnagar and Nalgonda Districts. The maximum and minimum temperatures ranged between 29-37⁰C and 22-27⁰C, 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 27-35⁰C and 22-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of blast is noticed. The incidence is more severe in Cv BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- To prevent the incidence of sucking pests 60 days after sowing in cotton, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Monitor the incidence of white fly. If incidence is above ETL, spray Traizophos @ 1.25 ml per litre of water to control the white fly.
- 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
- To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 24.09.2014

(Till Wednesday morning)



Bulletin No. XXV/75/2014

Dt: 19.09.2014

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 30-37⁰C and 21-26⁰C, 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 29-32⁰C and 22-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of blast is noticed. The incidence is more severe in Cv BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- To prevent the incidence of sucking pests 60 days after sowing in cotton, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Monitor the incidence of white fly. If incidence is above ETL, spray Traizophos @ 1.25 ml per litre of water to control the white fly.
- 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
- To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 28.09.2014

(Till Sunday morning)



Bulletin No. XXV/76/2014

Dt: 23.09.2014

During last four days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 28-34⁰C and 21-27⁰C, 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 30-34⁰C and 21-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of blast is noticed. The incidence is more severe in Cv BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- To prevent the incidence of sucking pests 60 days after sowing in cotton, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Monitor the incidence of white fly. If incidence is above ETL, spray Traizophos @ 1.25 ml per litre of water to control the white fly.
- Incidence of tobacco streak virus is noticed. At initial stages of incidence chlorotic spots will be observed on leafs. As disease advances leafs 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
- To prevent the diseases, vaccinate the animals

Director
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PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 01.10.2014

(Till Wednesday morning)



Bulletin No. XXV/77/2014

Dt: 26.09.2014

During last four days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 30-37°C and 21-27°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 32-36°C and 21-25°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of blast is noticed. The incidence is more severe in Cv BPT 5204. To control, spray Tricyclazole @ 0.6 g per litre of water.
- To protect the crop from stem borer incidence, spray Cartap hydrochloride @ 2 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Monitor the incidence of white fly. If incidence is above ETL, spray Traizophos @ 1.25 ml per litre of water to control the white fly.
- 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.
- Incidence of Black arm disease is observed. To control, spray Copper-Oxy-Chloride @ 30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- Incidence of wilt is noticed. To control, Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 05.10.2014

(Till Sunday morning)



Bulletin No. XXV/78/2014

Dt: 30.09.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 31-37⁰C and 18-27⁰C, 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 32-37⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- 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.
- Prevailing weather conditions are congenial for the incidence of leaf sport diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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PJTSAU, Rajendranagar, Hyd-30.



Bulletin No. XXV/79/2014

Dt: 03.10.2014

During last four days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 31-37°C and 18-27°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 32-37°C and 20-25°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml 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 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.
- Prevailing weather conditions are congenial for the incidence of leaf sport diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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Bulletin No. XXV/80/2014

Dt: 07.10.2014

During last three days light rains occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 33-37⁰C and 21-27⁰C, 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 32-36⁰C and 21-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- 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.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Soyabean

- Incidence of yellow vein mosaic virus is noticed. Prevent the disease by spraying Trizophos @ 1.5 ml or Acephate @ 1.0 g per litre of water to control the insect vector.
- Incidence of Stem fly is noticed. To control spray Acephate @ 1.0 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf light is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 15.10.2014

(Till Wednesday morning)



Bulletin No. XXV/81/2014

Dt: 10.10.2014

During last three days light to moderate rains occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 33-37⁰C and 21-27⁰C, 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. The maximum and minimum temperatures are likely to range between 32-36⁰C and 21-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- 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.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, Drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 19.10.2014

(Till Sunday morning)



Bulletin No. XXV/82/2014

Dt: 14.10.2014

During last 48 hours light to moderate rains occurred at many places over Khammam district, at isolated places over Warangal district and mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 29-37⁰C and 17-26⁰C, 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 29-34⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 22.10.2014

(Till Wednesday morning)



Bulletin No. XXV/83/2014

Dt: 17.10.2014

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 32-38⁰C and 21-27⁰C, 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 29-34⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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Agro Climate Research Centre (ACRC),

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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 26.10.2014

(Till Sunday morning)



Bulletin No. XXV/84/2014

Dt: 21.10.2014

Southwest monsoon has withdrawn from the state on 18th October, 2014. During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 32-37⁰C and 19-25⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 30-35⁰C and 19-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

Director
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WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 29.10.2014

(Till Wednesday morning)



Bulletin No. XXV/85/2014

Dt: 24.10.2014

During last three days light rains occurred at isolated places in Rangareddy district and mainly dry weather prevailed over remaining parts of the State. The maximum and minimum temperatures ranged between 31-37°C and 17-25°C, 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 29-36°C and 17-24°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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Bulletin No. XXV/86/2014

Dt: 28.10.2014

During last four days moderate to rather heavy rains occurred at many places over South Telangana districts, Adilabad, Khammam districts and light or moderate rains occurred at few places over remaining parts of the state. The maximum and minimum temperatures ranged between 20-37°C and 17-25°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light 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 25-31°C and 19-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer and leaf folder are noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of sucking pests is noticed in cotton. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g or Fipronil @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.
- Incidence of grey mildew is noticed. To control, spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.
- Prevailing weather conditions are congenial for the incidence gray mold. To control, spray Carbendazim @ 1 g per litre of water as a prophylactic measure.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/87/2014

Dt: 31.10.2014

During last three days mainly dry weather prevailed over parts of the state. The maximum and minimum temperatures ranged between 25-34⁰C and 14-23⁰C, 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 29-32⁰C and 15-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/88/2014

Dt: 03.11.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 30-35°C and 15-21°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 28-33°C and 15-24°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g per litre of water.

Sugarcane

- Incidence of root grub is noticed. To control, apply Phorate 10% granules @ 8 kg per acre.

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/89/2014

Dt: 07.11.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 31-36⁰C and 13-19⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur few isolated places over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 28-34⁰C and 15-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- Incidence of wilt is noticed. To control, drench the soil with Copper-Oxy-Chloride @ 3 g 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 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 To prevent the diseases, vaccinate the animals

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

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 16.11.2014

(Till Sunday morning)



Bulletin No. XXV/90/2014

Dt: 11.11.2014

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 28-35⁰C and 13-22⁰C, 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 20-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- If incidence of Leaf webber and Helicoverpa is noticed. To control,
Leaf webber
 - Spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.
- **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

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/91/2014

Dt: 14.11.2014

During last two days moderate to heavy rains occurred at few places over different parts of the state. The maximum and minimum temperatures ranged between 29-35⁰C and 19-24⁰C, 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 three days. The maximum and minimum temperatures are likely to range between 26-33⁰C and 19-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rainfed black soils

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

Irrigated dry conditions

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

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- If incidence of Leaf webber and Helicoverpa is noticed. To control,
Leaf webber
 - Spray Monocrotophos @ 1.6ml or Quinalphos @2ml per litre of water.
- **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

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
 To prevent the diseases, vaccinate the animals

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

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 23.11.2014

(Till Sunday morning)



Bulletin No. XXV/92/2014

Dt: 18.11.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 28-34°C and 18-22°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 30-34°C and 18-22°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Incidence of leaf hoppers, mealy bug and grey mildew is noticed in cotton. To control,

Leaf hopper

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

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

- Spray Wettable Sulphur @ 3 g or Karathane @ 1 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot diseases. To control, spray Copper-Oxy-Chloride @30g + Plantamycin @ 2g in 10 litres of water.

Redgram

- If incidence of Leaf webber and Helicoverpa is noticed. To control,
Leaf webber
 - Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.
- **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

Castor

- 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.

Vegetable

- If incidence of sucking pests is noticed, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/93/2014

Dt: 21.11.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 30-34⁰C and 11-23⁰C, respectively. The lowest minimum temperature of 11⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 29-32⁰C and 11-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at maturity stage. In ayacut areas of Mahabubnagar and Nalgonda Districts, crop is at flowering to maturity stage.
- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Crop is at boll bursting stage.
- Incidence of mealy bug and grey mildew is noticed in cotton. To control,

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at vegetative to flowering stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to pod development stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinalphos @ 2 ml per litre of water.

Castor

- Rabi castor is at vegetative stage.
- 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy

- Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/94/2014

Dt: 25.11.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 29-34⁰C and 11-21⁰C, respectively. The lowest minimum temperature of 11⁰C was recorded at Adilabad. 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 28-33⁰C and 13-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at maturity stage. In ayacut areas of Mahabubnagar and Nalgonda Districts, crop is at flowering to maturity stage.
- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Crop is at boll bursting stage.
- Incidence of mealy bug and grey mildew is noticed in cotton. To control,

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at vegetative to flowering stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to pod development stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinalphos @ 2 ml per litre of water.

Castor

- Rabi castor is at vegetative stage.
- 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy

- Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 03.12.2014

(Till Wednesday morning)



Bulletin No. XXV/95/2014

Dt: 28.11.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 29-33⁰C and 10-19⁰C, respectively. The lowest minimum temperature of 10⁰C was recorded at Adilabad. 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 28-32⁰C and 12-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- In ayacut areas of Mahabubnagar and Nalgonda Districts, crop is at flowering to maturity stage. In remaining parts of the State crop is at maturity stage.
- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. Prevailing low temperatures are congenial for further spread of the disease. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Cotton

- Crop is at boll bursting stage.
- Incidence of mealy bug and grey mildew is noticed in cotton. To control,

Mealy bug

- Collect and destroy the infested plants.
- Remove the weeds on bunds and destroy.
- Spray Profenophos @ 3 ml per litre of water.

Grey mildew

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

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at vegetative to flowering stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to pod development stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthing up of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinalphos @ 2 ml per litre of water.

Castor

- Rabi castor is at vegetative stage.
- 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.

- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyriphos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
- To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/96/2014

Dt: 02.12.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 29-34⁰C and 09-19⁰C, respectively. The lowest minimum temperature of 09⁰C 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 29-33⁰C and 12-16⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- In ayacut areas of Mahabubnagar and Nalgonda Districts, crop is at flowering to maturity stage. In remaining parts of the State crop is at maturity stage.
- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. Prevailing low temperatures are congenial for further spread of the disease. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorvos @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at vegetative to flowering stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to pod development stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolphos @ 2 ml per litre of water.

Castor

- Rabi castor is at vegetative stage.
- 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/97/2014

Dt: 05.12.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 30-34⁰C and 11-17⁰C, respectively. The lowest minimum temperature of 11⁰C 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 28-34⁰C and 08-16⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- In ayacut areas of Mahabubnagar and Nalgonda Districts, crop is at flowering to maturity stage. In remaining parts of the State crop is at maturity stage.
- Incidence of panicle mite and grain discolouration is noticed. To control, spray Profenophos @ 2 ml + Propiconazole @ 1 ml per liter of water in the fields where BPH incidence is not noticed. If BPH incidence is observed, spray Spiromesifen @ 1ml + Propiconazole @ 1 ml per liter of water.
- Incidence of stem borer is noticed. To control, spray Cartap hydrochloride @ 2 g or Chlorantraniliprole @ 0.4 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of brown plant hopper. Monitor the incidence of brown plant hopper. To control
 - 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 + Dichlorvos @ 1 ml 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.
- Incidence of blast is noticed. Prevailing low temperatures are congenial for further spread of the disease. To control, spray Tricyclazole @ 0.6 g per litre of water.
- Incidence of sheath blight is noticed. To control, spray Validamycin @ 2 ml or Hexaconazole @ 2 ml or Propiconazole @ 1 ml per litre of water to control sheath blight and stem rot.

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorvos @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at vegetative to flowering stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to pod development stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolphos @ 2 ml per litre of water.

Castor

- Rabi castor is at vegetative stage.
- 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY
Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 14.12.2014
(Till Sunday morning)



Bulletin No. XXV/98/2014

Dt: 09.12.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 29-33⁰C and 07-17⁰C, 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 different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 28-33⁰C and 10-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

- If incidence of Leaf webber, Maruca and Helicoverpa is noticed. To control,
Leaf webber
 - Spray Monocrotophos @ 1.6ml or Quinalphos @ 2ml per litre of water.**Maruca**
 - Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.**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

Bengalgram

- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.**Leaf Webber**
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolphos @ 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 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.
- To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/99/2014

Dt: 12.12.2014

During last three days light rains occurred at isolated places in Mahabubnagar and Rangareddy districts and mainly dry weather prevailed over remaining parts of the state. The maximum and minimum temperatures ranged between 29-34⁰C and 10-22⁰C, respectively. The lowest minimum temperature of 10⁰C was recorded at Adilabad. 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 27-31⁰C and 16-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

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

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers and Leaf webber. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolphos @ 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 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.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/100/2014

Dt: 16.12.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 23-32⁰C and 17-29⁰C, respectively. The lowest minimum temperature of 17⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 26-32⁰C and 07-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

- Crop is at flowering to pod development stage.
- If incidence of Leaf webber, Maruca and Helicoverpa is noticed. To control,

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinalphos @ 2 ml per litre 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.

Castor

- Crop is at vegetative stage.
- 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.

Safflower

- Crop is at stem elongation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/101/2014

Dt: 19.12.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 25-32⁰C and 04-21⁰C, respectively. The lowest minimum temperature of 04⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 25-30⁰C and 04-16⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Redgram

- Crop is at flowering to pod development stage.
- If incidence of Leaf webber, Maruca and Helicoverpa is noticed. To control,

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinalphos @ 2 ml per litre 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.

Castor

- Crop is at vegetative stage.
- 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.

Safflower

- Crop is at stem elongation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/102/2014

Dt: 23.12.2014

During last three days mainly dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 26-31⁰C and 04-15⁰C, respectively. The lowest minimum temperature of 04⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 16-30⁰C and 04-16⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and low temperatures may prevail. 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

- Crop is at flowering to pod development stage.
- If incidence of Leaf webber, Maruca and Helicoverpa is noticed. To control,

Leaf webber

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

Maruca

- Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.

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

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,

Leaf Hopper

- Spray Dimethoate @ 2 ml per litre of water.

Leaf Webber

- Arrange 4 pheromone traps per acre to monitor the pest
- Spray Quinolphos @ 2 ml per litre 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.

Castor

- Crop is at vegetative stage.
- 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.

Safflower

- Crop is at stem elongation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/103/2014

Dt: 27.12.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 27-32⁰C and 07-16⁰C, respectively. The lowest minimum temperature of 07⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 26-32⁰C and 08-18⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and low temperatures may prevail. 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

- If incidence of Maruca and Helicoverpa is noticed. To control,
Maruca
 - Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.**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

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.

Leaf Webber

- Arrange 4 pheromone traps per acre to monitor the pest
- Spray Quinolphos @ 2 ml per litre 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.

Castor

- Crop is at vegetative stage.
- 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.

Safflower

- Crop is at stem elongation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXV/104/2014

Dt: 30.12.2014

During last three days dry weather prevailed over different parts of the state. The maximum and minimum temperatures ranged between 25-31⁰C and 05-18⁰C, respectively. Coldwave conditions prevailed over some parts of the Adilabad and Medak districts. The lowest minimum temperature of 5⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 26-31⁰C and 10-20⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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

- If incidence of Maruca and Helicoverpa is noticed. To control,
Maruca
 - Spray Chlorpyrifos @ 2.5 ml or Novoluran @ 0.75 ml alongwith Dichlorovas @ 1.0 ml per litre of water.**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

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to peg formation stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.

Leaf Webber

- Arrange 4 pheromone traps per acre to monitor the pest
- Spray Quinolphos @ 2 ml per litre 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.

Castor

- Crop is at vegetative to flowering stage.
- 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.

Safflower

- Crop is at stem elongation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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

Happy New Year 2015

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 07.01.2015

(Till Wednesday morning)



Bulletin No. XXVI/01/2015

Dt: 02.01.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 28-34⁰C and 09-21⁰C, respectively. The lowest minimum temperature of 9⁰C was recorded at Adilabad. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over different parts of the State during next two days. The maximum and minimum temperatures are likely to range between 25-32⁰C and 13-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to peg formation stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
 - Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.
 - Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at branching to flower bud initiation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/02/2015

Dt: 06.01.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 24-34⁰C and 14-23⁰C, respectively. The lowest minimum temperature of 14⁰C 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 26-31⁰C and 14-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to peg formation stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
 - Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.
 - Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at branching to flower bud initiation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/03/2015

Dt: 09.01.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 26-33⁰C and 09-19⁰C, respectively. The lowest minimum temperature of 09⁰C 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 25-32⁰C and 08-17⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Bengalgram

- Crop is at pod development stage.
- Incidence of wilt is noticed. To control, drench the soil around the infested area with Carbendazim @ 1g per litre of water.

Groundnut

- Crop is at flowering to peg formation stage.
- Apply 200 kg gypsum per acre at the time of flowering stage between the crop rows followed by earthingup of the soil.
- Prevailing dry weather conditions are congenial for the incidence of Leaf hoppers, Leaf webber and Tikka leaf spot. To control,
 - Leaf Hopper
 - Spray Dimethoate @ 2 ml per litre of water.
 - Leaf Webber
 - Arrange 4 pheromone traps per acre to monitor the pest
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at branching to flower bud initiation stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/04/2015

Dt: 13.01.2015

During last three days dry weather prevailed over different parts of the State. Cold wave conditions prevailed over many parts of the State. The maximum and minimum temperatures ranged between 26-32°C and 07-14°C, respectively. The lowest minimum temperature of 07°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 five days. The maximum and minimum temperatures are likely to range between 17-29°C and 07-15°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- To control stem borer spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Leaf miner and Tikka leaf spot. To control,
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at stem elongation to flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/05/2015

Dt: 16.01.2015

During last three days dry weather prevailed over different parts of the State. Cold wave conditions prevailed over many parts of the State. The maximum and minimum temperatures ranged between 27-33⁰C and 07-15⁰C, 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 17-31⁰C and 06-15⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- To control stem borer spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Leaf miner and Tikka leaf spot. To control,
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at stem elongation to flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/06/2015

Dt: 20.01.2015

During last three days dry weather prevailed over different parts of the State. Cold wave conditions prevailed over many parts of the State. The maximum and minimum temperatures ranged between 27-32⁰C and 09-17⁰C, respectively. The lowest minimum temperature of 09⁰C 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 19-31⁰C and 09-17⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- To control stem borer spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Leaf miner and Tikka leaf spot. To control,
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at stem elongation to flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/07/2015

Dt: 23.01.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 26-32⁰C and 12-19⁰C, respectively. The lowest minimum temperature of 12⁰C 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 20-31⁰C and 05-17⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- To control stem borer spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Leaf miner and Tikka leaf spot. To control,
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at stem elongation to flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/08/2015

Dt: 27.01.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-33⁰C and 15-20⁰C, respectively. The lowest minimum temperature of 15⁰C was recorded at Rangareddy, Medak and Nalgonda. 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 27-33⁰C and 09-18⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- To control stem borer spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Leaf miner and Tikka leaf spot. To control,
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/09/2015

Dt: 30.01.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 27-33⁰C and 13-19⁰C, respectively. The lowest minimum temperature of 13⁰C was recorded at Medak. 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 20-33⁰C and 06-19⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- If incidence of stem borer is noticed to control spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
 - Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at flowering stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/10/2015

Dt: 03.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-33⁰C 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 29-33⁰C and 11-19⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Night temperatures decreased considerably and these low temperatures may cause cold injury in rice nurseries. 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.

Maize

- Crop is at Knee high stage.
- If incidence of stem borer is noticed to control spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
 - Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/11/2015

Dt: 06.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 12-20⁰C, respectively. The lowest minimum temperature of 12⁰C 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 20-34⁰C and 08-19⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at Tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartap Hydrochloride @ 2 g or Acephate @ 1.5 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.

Maize

- Crop is at Knee high to flowering stage.
- If incidence of stem borer is noticed to control spray Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolpos @ 2 ml per litre 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.

Safflower

- Crop is at flowering to seed filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/12/2015

Dt: 10.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 29-34⁰C and 13-20⁰C, respectively. The lowest minimum temperature of 13⁰C 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 18-34⁰C and 06-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at Tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartap Hydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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.

Maize

- Crop is at Knee high to flowering stage.
- If incidence of stem borer is noticed control it by spraying Monocrotophos 1.6 ml/l of water or apply Carbofuran 3G @ 3 kg per acre in the whorls.

Groundnut

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at flowering to seed filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

- Prevailing weather conditions are congenial for the occurrence of
 - Hemorrhagic Septicemia, Black Quarter, Foot and mouth disease in cattle,
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/13/2015

Dt: 13.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 14-21⁰C, respectively. The lowest minimum temperature of 14⁰C 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 30-34⁰C and 15-19⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at Tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartap Hydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at flowering to seed filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.

- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/14/2015

Dt: 16.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-37°C and 11-22°C, respectively. The lowest minimum temperature of 11°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 five days. The maximum and minimum temperatures are likely to range between 22-36°C and 10-19°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at Tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartap Hydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at peg formation to pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Jassid, Leaf miner and Tikka leaf spot. To control,
 - Jassid
 - Spray Dimethoate @ 2 ml or Monocrotophos @ 1.6 ml per litre of water.
 - Leaf miner
 - Monitor pest population by arranging pheromone traps @ 4 per acre.
 - Spray Quinolphos @ 2 ml per litre 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.

Safflower

- Crop is at flowering to seed filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.

- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/15/2015

Dt: 20.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-38⁰C and 12-22⁰C, respectively. The lowest minimum temperature of 12⁰C 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 32-37⁰C and 16-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at Tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartap Hydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of Tikka leaf spot. To control, spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothanil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/16/2015

Dt: 24.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 31-37⁰C and 15-23⁰C, 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 33-38⁰C and 15-21⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of tikka leaf spot. To control, spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothalonil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 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.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/17/2015

Dt: 27.02.2015

During last three days dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-38⁰C and 16-21⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains at isolated places 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 16-22⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at pod development stage.
- Prevailing dry weather conditions are congenial for the incidence of tikka leaf spot. To control, spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothalonil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Vegetable

- Prevailing cool and dry weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.

- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyriphos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/18/2015

Dt: 03.03.2015

During last three days moderate to heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 17-23⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains at isolated places 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 17-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Postpone the harvesting of maize crop. Shade dry the already harvested crop under roof.
- Cover the produce already transported to market with tarpaulin.

Rice

- Crop is at tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at pod development stage.
- Prevailing weather conditions are congenial for the incidence of tikka leaf spot. To control, spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothalonil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Vegetable

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.

- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/19/2015

Dt: 05.03.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 28-35°C and 16-24°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains at isolated places may occur over different parts of the State during next three days. The maximum and minimum temperatures are likely to range between 29-34°C and 17-23°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Postpone the harvesting of maize crop. Shade dry the already harvested crop under roof.
- Cover the produce already transported to market with tarpaulin.

Rice

- Crop is at tillering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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

- Crop is at pod development stage.
- Prevailing weather conditions are congenial for the incidence of tikka leaf spot. To control, spray Mancozeb @ 2.0g + Carbendazim @ 1.0g or Chlorothalonil @ 2.0 g or Hexaconazole @ 1.0 ml per litre of water.

Safflower

- Crop is at flowering to grain filling stage.
- The incidence of aphids is noticed. To control, spray Dimethoate @ 2 ml per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Vegetable

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim + Mancozeb (Saaf or Companion) @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.

- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/20/2015

Dt: 10.03.2015

During last three days moderate to heavy rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 31-36⁰C and 17-25⁰C, 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 two days. The maximum and minimum temperatures are likely to range between 30-36⁰C and 19-23⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Postpone the harvesting of maize crop. Shade dry the already harvested crop under roof.
- Cover the produce already transported to market with tarpaulin.

Rice

- Crop is at tillering to PI stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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.

Mango

- Prevailing weather conditions are congenial for the incidence of hopper and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Vegetable

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



**Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 18.03.2015
(Till Wednesday morning)**



Bulletin No. XXVI/21/2015

Dt: 13.03.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 29-37⁰C and 12-25⁰C, 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 32-37⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Postpone the harvesting of maize crop. Shade dry the already harvested crop under roof.
- Cover the produce already transported to market with tarpaulin.

Rice

- Crop is at tillering to PI stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.

- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyriphos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/22/2015

Dt: 17.03.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 33-38⁰C and 18-24⁰C, 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 33-39⁰C and 20-24⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at tillering to PI stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in 20-25 days old transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.
- To control 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.

Mango

- Prevailing weather conditions are congenial for the incidence of hopper and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.

- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyriphos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/23/2015

Dt: 20.03.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 33-39⁰C and 19-25⁰C, 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 35-41⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at PI to flowering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/24/2015

Dt: 24.03.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 35-40°C and 19-25°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 36-41°C and 20-24°C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at PI to flowering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/25/2015

Dt: 27.03.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 36-41⁰C and 19-25⁰C, 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 35-40⁰C and 20-25⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at PI to flowering stage.
- Prevailing weather conditions are congenial for the incidence of stem borer in transplanted rice. To control, spray Cartaphydrochloride @ 2 g or Acephate @ 1.5 g per litre of water.

Mango

- Prevailing weather conditions are congenial for the incidence of hoppers and anthracnose in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing weather conditions are congenial for incidence of sucking pests in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/26/2015

Dt: 31.03.2015

During last three days rains occurred at isolated places in the State. The maximum and minimum temperatures ranged between 35-40⁰C and 21-26⁰C, 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 two days. The maximum and minimum temperatures are likely to range between 33-38⁰C and 20-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at flowering stage to grain filling stage.
- Since last three to four days morning relative humidity is increasing. These conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hoppers and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Incidence of sucking pests is noticed in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.

- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/27/2015

Dt: 02.04.2015

During last two days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 29-38⁰C and 19-26⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, mainly dry weather may prevail over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 36-40⁰C and 23-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at flowering stage to grain filling stage.
- Since last three to four days morning relative humidity is increasing. These conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hoppers and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing dry weather conditions are congenial for the incidence of sucking pests. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Incidence of leaf spots in leafy vegetables is noticed. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/28/2015

Dt: 07.04.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 37-42⁰C and 20-27⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur at isolated places over Southern Telangana Zone and mainly dry weather may prevail over remaining parts of the State during next five days. The maximum and minimum temperatures are likely to range between 35-42⁰C and 22-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

Rice

- Crop is at flowering stage to grain filling stage.
- Since last three to four days morning relative humidity is increasing. These conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hopper and anthracnose are noticed in mango. To control, spray Imidachlopid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Prevailing dry weather conditions are congenial for the incidence of sucking pests. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Incidence of leaf spots in leafy vegetables is noticed. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/29/2015

Dt: 10.04.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 34-41⁰C and 21-27⁰C, 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. The maximum and minimum temperatures are likely to range between 30-39⁰C and 22-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hopppers and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Irrigate the orchard to maintain the moisture in the soil for increasing fruit size.
- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Incidence of sucking pests is noticed in vegetable crops. To control, spray Dimethoate @ 2 ml/litre or Acephate @ 1.5g/litre of water.
- If incidence of mite is observed in vegetables. To control, spray Dicofol @ 5 ml or Propargite @ 1 ml per litre of water.
- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% W- @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml per litre of water.
- If incidence of leaf miner is observed in gourds. To control, spray Chlorpyrifos or Profenophos @ 2ml per litre of water.

Cattle and buffaloes

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

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/30/2015

Dt: 13.04.2015

During last three days moderate to rather heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 30-40°C and 19-27°C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, moderate to rather heavy rains may occur at few places over different parts of the State during next three days. The maximum and minimum temperatures are likely to range between 28-33°C and 20-23°C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hoppers and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/31/2015

Dt: 17.04.2015

During last three days moderate to rather heavy rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 28-36⁰C and 16-29⁰C, 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 33-39⁰C and 19-26⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hoppers and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/32/2015

Dt: 21.04.2015

During last two days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 32-41⁰C and 21-27⁰C, 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 35-42⁰C and 23-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Mango

- Incidence of hopper and anthracnose are noticed in mango. To control, spray Imidachloprid @ 0.5 ml + Hexaconazole @ 2ml or Monocrotophos @ 1.6 ml + Carbendazim @ 1 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf spots in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



Bulletin No. XXVI/33/2015

Dt: 24.04.2015

During last two days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 36-41⁰C and 21-29⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 35-42⁰C and 22-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

**Director
Agro Climate Research Centre (ACRC)
PJ TSAU, Rajendranagar, Hyd-30.**



PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 03.05.2015

(Till Sunday morning)



Bulletin No. XXVI/34/2015

Dt: 28.04.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 28-41⁰C and 21-27⁰C, 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 36-42⁰C and 23-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

Agro Climate Research Centre (ACRC)

PJTSAU, Rajendranagar, Hyd-30.



Bulletin No. XXVI/35/2015

Dt: 01.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 35-43⁰C and 23-28⁰C, respectively. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the State during next three days. The maximum and minimum temperatures are likely to range between 36-44⁰C and 23-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

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



PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 10.05.2015

(Till Sunday morning)



Bulletin No. XXVI/36/2015

Dt: 05.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 38-45⁰C and 20-29⁰C, 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 35-43⁰C and 21-27⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

Rice

- Crop is at grain filling stage.
- In view of the higher relative humidity forecast, prevailing weather conditions are congenial for the incidence of blast. To control, spray Tricyclazole @ 0.6 g per litre of water.

Sweet Orange

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray 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
 - ET and sheep pox in sheep
 - Ranikhet disease in poultry

To prevent the diseases, vaccinate the animals

Director

Agro Climate Research Centre (ACRC)

PJTSAU, Rajendranagar, Hyd-30.

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



**Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 13.05.2015
(Till Wednesday morning)**



Bulletin No. XXVI/37/2015

Dt: 08.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 33-42⁰C and 20-28⁰C, respectively. The highest maximum temperature of 42⁰C was recorded at Hanmakonda 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 37-43⁰C and 21-28⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

**Director
Agro Climate Research Centre (ACRC)
PJ TSAU, Rajendranagar, Hyd-30.**

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



**Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 17.05.2015
(Till Sunday morning)**



Bulletin No. XXVI/38/2015

Dt: 12.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 36-44⁰C and 25-31⁰C, respectively. The highest maximum temperature of 44⁰C was recorded at 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 35-42⁰C and 22-29⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

**Director
Agro Climate Research Centre (ACRC)
PJ TSAU, Rajendranagar, Hyd-30.**

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



**Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 20.05.2015
(Till Wednesday morning)**



Bulletin No. XXVI/39/2015

Dt: 15.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 34-43⁰C and 23-29⁰C, respectively. The highest maximum temperature of 43⁰C was recorded at Nizamabad. As per the forecast received from Meteorological Centre, Hyderabad, light rains may occur over different parts of the State during next three days. The maximum and minimum temperatures are likely to range between 36-42⁰C and 23-30⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the rain forecast shade dry the produce of harvested crop under roof and cover the produce transported to market with tarpaulin.

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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- Prevailing cloudy weather conditions are congenial for the incidence of leaf sports in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

**Director
Agro Climate Research Centre (ACRC)
PJ TSAU, Rajendranagar, Hyd-30.**

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyd-30.
WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 24.05.2015
(Till Sunday morning)



Bulletin No. XXVI/40/2015

Dt: 19.05.2015

During last three days light rains occurred at isolated places over different parts of the State. The maximum and minimum temperatures ranged between 33-41⁰C and 23-29⁰C, respectively. The highest maximum temperature of 41⁰C was recorded at Nizamabad. 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 37-45⁰C and 23-29⁰C, 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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of leaf spots is noticed in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

**Director
Agro Climate Research Centre (ACRC)
PJ TSAU, Rajendranagar, Hyd-30.**



Bulletin No. XXVI/41/2015

Dt: 22.05.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 38-46⁰C and 23-31⁰C, respectively. The highest maximum temperature of 46⁰C was recorded at Nalgonda, Nizamabad and Ramagundam. Heat wave conditions prevailed over some parts of different districts of the State. 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 41-46⁰C and 24-32⁰C, 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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of leaf spots is noticed in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

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



Bulletin No. XXVI/42/2015

Dt: 26.05.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 39-48⁰C and 25-37⁰C, respectively. The highest maximum temperature of 48⁰C was recorded at Khammam. Heat wave conditions prevailed over some parts of different districts of the State. 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 38-45⁰C and 23-34⁰C, 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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of leaf spots is noticed in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

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

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),

Agricultural Research Institute, Rajendranagar, Hyd-30.

WEATHER BASED AGRO ADVISORIES FOR THE PERIOD ENDING 03.06.2015

(Till Wednesday morning)



Bulletin No. XXVI/43/2015

Dt: 29.05.2015

During last three days mainly dry weather prevailed over different parts of the State. The maximum and minimum temperatures ranged between 39-47⁰C and 25-32⁰C, respectively. The highest maximum temperature of 47⁰C was recorded at Khammam and Nizamabad. Heat wave conditions prevailed over some parts of different districts of the State. 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 38-45⁰C and 26-33⁰C, respectively.

WEATHER BASED AGRO-ADVISORIES

- Don't take-up the sowing of rainfed crops by utilizing the current pre-monsoon shower.
- Procure and keep ready the seed, fertilizers and pesticides for timely sowing of rained crops.
- Take-Up sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses etc., only after receiving cumulative rainfall of 50-75 mm or the soil should be wet upto top 15 cm after onset of South-West monsoon rains.
- Do not sow cotton and soyben in light soils under rainfed conditions.

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

- Incidence of Mite is noticed. To control, spray Wettable sulphur @ 3 g or Dicofol @ 5 ml or Propargite @ 2 ml per litre of water.

Vegetables

- Leaf blight is noticed in tomato. To control, spray Carbendazim 12 % + Mancozeb 63% WP @ 2 g or Mancozeb + Metalaxyl @ 2 gm per litre of water.
- If incidence of leaf spots is noticed in leafy vegetables. To control, spray Carbendazim 12% + Mancozeb 63% WP @ 2 g per litre of water.
- If incidence of tobacco mosaic virus is noticed in tomato. To control, spray Fipronil @ 2 ml or Dimethoate @ 2 ml per litre of water.
- If incidence of thrips is noticed in chilies. To control spray Acephate @ 1.5 g per litre or Fipronil @ 2 ml or Spinosad @ 0.3 ml per litre of water.
- Incidence of shoot and fruit borer is noticed in brinjal. To control
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 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 sheep pox in sheep. To prevent the diseases, vaccinate the animals.

Director
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PJTSAU, Rajendranagar, Hyd-30.