



Agro-Advisory Service Bulletin for Kolhapur



Issued by IIAS Unit at Zonal Agricultural Research Station, Sub-montane Zone, Shenda Park, Kolhapur-12 (M.S.)

Significant past weather for preceding week (23.11.2017 to 29.11.2017)

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| Rainfall (mm) | 0.00 |
| Maximum temperature ($^{\circ}$ C) | 30.5-33.0 |
| Minimum temperature ($^{\circ}$ C) | 14.0-20.5 |
| Relative Humidity I (%) | 85-92 |
| Relative Humidity II (%) | 33-42 |
| Wind speed (kmph) | 3-4 |

Weather forecast from IMD., Pune /Mumbai (01/11/2017 to 05/11/2017)

| Parameters | Weather forecast | | | | |
|----------------------------|------------------|------------|------------|------------|------------|
| | 01.12.2017 | 02.12.2017 | 03.12.2017 | 04.12.2017 | 05.12.2017 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. temp. ($^{\circ}$ C) | 30 | 30 | 30 | 31 | 31 |
| Min. temp. ($^{\circ}$ C) | 18 | 18 | 18 | 19 | 19 |
| Total cloud cover (octa) | 7 | 8 | 8 | 5 | 6 |
| Relative Humidity I (%) | 66 | 71 | 73 | 60 | 54 |
| Relative Humidity II (%) | 38 | 40 | 45 | 36 | 28 |
| Wind speed (kmph) | 11 | 11 | 12 | 9 | 9 |
| Wind direction | 76 | 76 | 75 | 67 | 35 |

Weather forecast from IMD., Pune :

Weather forecast given by IMD has indicated that the weather likely to remain dry. Maximum and minimum temperatures will range between 30.0 to 31.0 $^{\circ}$ C and 18.0 to 19.0 $^{\circ}$ C respectively. Wind speed (kmph) will range from 9-12 kmph.

Agro-meteorological Advisories : To be broadcast from "Kisan Wani" on All India Radio,

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| Wheat | - | For late sowing of wheat when there is availability of 2 to 3 irrigations use varieties like Niphad-34. For irrigated late sowing use varieties like NIAW-34 and AKAW-4627. Sowing of late wheat varieties should be complete before 15 December, use varieties like NIDW-15 and AKDW-2997-16 for limited irrigation availability. Treat the seeds with Captain or Thiram fungicide @ 3 gram per 10 kg of seeds. Give seed treatment of Azotobacter @ 250 gram and PSB @ 250 gram per 10 kg of seeds. Basal dose of 80:40:40 nitrogen:phosphorus:potash be given. After completion of 21 days of sowing use Metsulfuron methyl (Algrip) 20% WG @ 20 gram per ha in 600 liters water to control weeds. Spray the herbicide between two lines of the wheat crop. Give irrigation before spraying of herbicide and spraying should be given at <i>vapasa</i> condition. |
| Sugarcane | - | Complete the planting of preseasonal sugarcane upto the 30 th November. Furrows are left at spacing of 120 to 150 cm. Use improved varieties like Co 86032 (Nira), tolerant varieties to salinity and alkalinity like CoM 0265 (Phule 265), MS 10001. For jaggery use variety Co 92005. Variety Co 09057 which is resistant to rust and brown spot. Prior to planting treat the sets with Carbendazim @ 100 g + 300 ml Chloropyriphos in 100 lit water for 10 minutes. Treatment with Acetobacter 10 kg + 1.25 kg PSB in 100 litres of water can save upto 25 % dose of nitrogen besides release the native phosphorus in the soil. Three to 4 days after sugarcane planting at the time of <i>vapasa</i> condition use pre emergence herbicide Atratraf @ 5 kg per ha for control of weeds. |
| Gram | - | After completion of 3 weeks of sowing of gram, small larva appears on leaves which feeds on leaves and white patches observes so one spray of 5 % Neem Seed kernel Extract (<i>Nimboli Aark</i>) should be given at that time. |
| Vegetables | Growth | Spray Thiomethoxam @ 4 g / 10 Lit water to control sucking pests. For control of fruit and shoot borer in brinjal spray Flubendimide 40 EC 3 ml/10 lit or Cypermethrin 25 EC or Chloropyriphos 20 EC 20 ml/10 lit water. Destroy the affected fruits and shoots by burying them in soil. For fruit borer in bhendi Deltamethrin/ cypermethin/Quinolophos 20 ml or Lambda cyholothrin 6 ml/10 lit water be sprayed, neem oil 4% may be used Trichocard 10 per ha |

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| | | <p>can be used.</p> <p>Tomato fruit borer could be controlled by spraying 20 ml Quinolphos or 15 ml Novaliron or Chlorantraniliprol 3 ml in 10 lit water every 8-10 days interval.</p> <p>For controlling aphid in cabbage spray malathion 50 EC 20 ml in 10 lit of water/ 4 % neem extract.</p> <p>In Chilli <i>Churda-murda</i> (little leaf disease) could be controlled by spraying Mancozeb 20 gm + dimethiote 30EC 15 ml in 10 lit of water</p> |
| Fruit Crops | Growth | <p>Tea Mosquito in cashew is observed quite often. The new flush is affected by the incidence of tea mosquito. To control spraying of Monocrotophos 36 EC 1.5 ml or Lambda Cyhalothrin 5 EC 0.6 ml or Prophanophos 50 EC 1 ml per litre of water could be sprayed.</p> <p>Mango remove the disease affected branches and destroy it also remove the webs on the bark of the trees.</p> <p>In cloudy weather for control of leaf eating caterpillars spray Prophanophos / Trizophos or Chlorpyrifos @ 15 ml / 10 Lit water</p> |
| Animals | Growth | <p>Give clean water for drinking. Clean the dung and urine remains of animals from the shed, dust the surroundings with lime powder as disinfectant. Control the worms.</p> <p>For fodder purpose the planting of Napier/Para grass <i>etc.</i> crops may be undertaken</p> |

* Use of sticker is essential for sprays

Dated :30.11.2017

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