



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

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#### 66) Weather based Agromet Advisory committee meeting dated 16.10.2020

**District: Dhule**

| Last Week Weather Summary<br>(09.10.2020 to 15.10.2020) |    |    |    |    |    |    | Weather<br>Parameters | Weather Forecast<br>(14.10.2020 to 18.10.2020) |    |    |    |    |
|---------------------------------------------------------|----|----|----|----|----|----|-----------------------|------------------------------------------------|----|----|----|----|
| 09                                                      | 10 | 11 | 12 | 13 | 14 | 15 | Date                  | 17                                             | 18 | 19 | 20 | 21 |
|                                                         |    |    |    |    |    |    | Rainfall (mm)         | 12                                             | 25 | 17 | 9  | 15 |
|                                                         |    |    |    |    |    |    | Max. Temp. (0C)       | 31                                             | 32 | 32 | 31 | 32 |
|                                                         |    |    |    |    |    |    | Min. Temp. (0C)       | 23                                             | 23 | 22 | 23 | 23 |
|                                                         |    |    |    |    |    |    | Cloud Cover           | 6                                              | 8  | 7  | 8  | 8  |
|                                                         |    |    |    |    |    |    | Max. RH (%)           | 83                                             | 87 | 86 | 88 | 85 |
|                                                         |    |    |    |    |    |    | Min. RH (%)           | 55                                             | 57 | 60 | 61 | 60 |
|                                                         |    |    |    |    |    |    | Wind Speed(km/hr)     | 4                                              | 13 | 8  | 8  | 10 |

#### **Agromet Advisory Based on Weather Forecast Prediction**

| Crop             | Stage        | Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weather Summary  |              | Cloudy conditions may remain during next 5 days. Light to medium rain is expected with thunderstorm at isolated places during next five days.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| General Advisory |              | <p><b>The kharif crops at physiological maturity may be harvested after the rainfall stops and weather is clear.</b></p> <p><b>Harvested crops should be kept in a safe place</b></p> <p><b>Rabi crop sowing should be done after the rainfall stops and weather is clear at wapasa condition.</b></p> <p><b>Avoid water stagnant in standing crops. Drain out excess water from the field.</b></p> <p><b>Weeding, Interculturing operation and pesticides, fungicides spraying should be done after the rainfall stops and weather is clear.</b></p> <p>Use Meghdoot mobile app for weather based crop advisory and prediction.</p> <p>Use Damini mobile app for electricity forecasting.</p> <p>In case of manual field operations, accomplish the operation in 4-5feet spaced strips assigning one strip to one person. This will ensure adequate social distance to engaged labours. Agricultural machinery should be sanitized frequently. Farmer should use face mask.</p> <p>While spraying, use sticker during rainy season.</p> <p>Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.</p> |
| SMS Advisory     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cotton           | Boll Opening | <p>Stagnated rain water should be drained out. Water logging in cotton crop is likely to increase the incidence of wilt. To overcome the wilting problem, prepared the mixture 1.5 kg urea + 1.5 kg potash in 100 liters of water and apply this mixture @ 150 to 200 ml per plant.</p> <p>After 8-10 days, apply mixture 2 kg DAP in 100 liters of water and @150 to 200 ml per plant.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sugarcane        |              | Stagnated rain water should be drained out, preferably sugarcane seedlings should be used for plantation (pre seasonal). After wapasa condition, booster dose of 50 kg urea and 50 kg muriate of potash per hectare should be given to the sugarcane crop. If drip irrigation system is available, then fertilizer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



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|                      |             |                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |             | should be applied through drip.                                                                                                                                                                                                                                                                                                                                                               |
| Pigeon pea           | Pod filling | Stagnated rain water should be drained out. Yellowing of crop may be observed due to stagnated water due to continuous rains. To control the yellowing apply 1 % urea.                                                                                                                                                                                                                        |
| Vegetable crops      |             | Due to continuous rain anthracnose disease may appear on vegetable crops. To control these diseases farmer should spray Mancozeb 25 g or copper oxychloride 25 g or Azoxostrobin 10 ml/ 10 litres of water. Two to three sprays be undertaken immediately after appearance of disease at an interval of 15 days. Spraying should be done after rainfall stop and weather is clear.            |
| Livestock Management |             | As there is possibility of rainfall keep the animals at safe places.<br>During rainy season do not give excess of green fodder to animals.<br>In rainy season wounds gets formed near hoofs of sheep's to prevent this prepare the solution of Copper Sulphate or Formaldehyde in tank up to the height that hoofs gets dip into the solution and allow the sheep's to go from that solution. |

**Source:**

- 1) Weather Forecast : Research Section, Mumbai  
2) Last week weather summary :

**Place : MPKV, Rahuri**  
**Date : 16.10.2020**

**Sd/-**  
**Nodal Officer, GKMS,**  
**AMFU Rahuri & Head,**  
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