



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

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#### 95) Weather based Agromet Advisory committee meeting dated 27.01.2023

**District: Ahmednagar**

| Last Week Weather Summary<br>(20.01.2023 to 26.01.2023) |      |      |      |      |      |      | Weather Parameters | Weather Forecast<br>(28.01.2023 to 01.02.2023) |      |      |      |      |
|---|------|------|------|------|------|------|--------------------|--|------|------|------|------|
| 20  | 21   | 22   | 23   | 24   | 25   | 26   | Date               | 28   | 29   | 30   | 31   | 01   |
| 0   | 0    | 0    | 0    | 0    | 0    | 0    | Rainfall (mm)      | 0  | 2    | 3    | 0    | 0    |
| 31.6  | 30.8 | 31   | 30.2 | 30.2 | 29.8 | 27.4 | Max. Temp. (0C)    | 30   | 28   | 27   | 27   | 27   |
| 16.3  | 14.9 | 14.7 | 13.9 | 13.4 | 16.5 | 17.9 | Min. Temp. (0C)    | 14   | 12   | 10   | 12   | 12   |
| 0   | 0    | 0    | 0    | 0    | 0    | 2    | Cloud Cover        | 0  | 0    | 3    | 2    | 4    |
| 69  | 79   | 77   | 77   | 83   | 64   | 76   | Max. RH (%)        | 69   | 70   | 74   | 68   | 65   |
| 28  | 29   | 30   | 32   | 43   | 48   | 47   | Min. RH (%)        | 47   | 62   | 65   | 58   | 54   |
| 1   | 2    | 1.5  | 1.3  | 1.6  | 1.6  | 0.7  | Wind Speed(km/hr)  | 11.8   | 11.4 | 13.3 | 11.3 | 16.8 |

#### Agromet Advisory Based on Weather Forecast Prediction

| Crop                    | Stage                            | Advisory  |
|-------------------------|----------------------------------|---|
| <b>Weather Summary</b>  |                                  | According to the weather forecast from the RMC, Mumbai, the sky will remain partly cloudy for 29 January to 1 February. Very light rain is expected at some places during 29 and 30 January.  |
| <b>General Advisory</b> |                                  | Use Meghdoot mobile app for weather-based crop advisory and prediction. As there is a chance of rain, the harvested crops should be kept under cover in a safe place.   |
| <b>SMS Advisory</b>     |                                  | <b>Maize:</b> For control of fall armyworm spray 10ml Indoxacarb 15.8EC or 3g Emamectin benzoate 5SG per 10liters of water.   |
| <b>Chick pea</b>        |                                  | Spray 50 ml Neem oil or 50g Beauveria bassiana in 15 liters of water for management of Helicoverpa caterpillars.  |
| <b>Maize</b>            |                                  | For control of fall armyworm spray 10ml Indoxacarb 15.8EC or 3g Emamectin benzoate 5SG per 10liters of water.   |
| <b>Suru Sugarcane</b>   | <b>Planting</b>                  | Complete the Sugarcane planting up to 15 <sup>th</sup> February select the varieties Co.86032 (Nira) and Co.M.0265 (Phule 265). Planting of sugarcane with the 30 to 45 old nursery plants grown from single bud in nursery is very beneficial compared to planting method with sets as it saves irrigation, weeding, fertilizer and supervision required during 30 to 45 days period. For planting of Sugarcane with sets select 9 to 10 month old healthy, genetically pure sugarcane sets. |
| <b>Onion</b>            | <b>Vegetative Growth</b>         | Spray the crop with Dithane M-45 (0.3%) or Tebuconazole (0.1%) alternately with 10 to 15 days interval for the control of Blight disease.   |
| <b>Pigeon pea</b>       | <b>Harvesting</b>                | Cutting of pigeonpea plants after maturity of pods and then threshing it on threshing yard. Don't take ratoon of pigeonpea because there will be chances of increasing sterility mosaic disease.  |
| <b>Chili</b>            |                                  | For management of leaf curl virus, remove infected plant part and spray crop with 3 g Acetamiprid 20 SP in 15 liters of water for the control of vector whitefly.   |
| <b>Rabi Sorghum</b>     | <b>Grain filling to maturity</b> | Protect matured sorghum crop from Birds.  |
| <b>Mustard</b>          |                                  | Spray the crop with 10 ml Dimethoate 30 EC or 10 g Acephate 75 SP per 10 liters of water for the control of aphids.   |
| <b>Animal Husbandry</b> | <b>Care of Livestock</b>         | Winter is healthy season for livestock, however small Kids/ Lambs/ Calves must be protected from the cold. Increase the use of groundnut cake and cotton  |



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|  |                         |   |
|--|-------------------------|---|
|  | <b>in winter season</b> | seed cake in the diet of animals to increase their energy level. Give bypass fat and protein diet if possible. Vitamin-mineral mixture in the diet should be increased. Feed the animals with green fodder at day time and dry fodder at night. Grazing animals should be left for grazing late in the morning so that there will no dew on the grass. Do not graze the animals on marshy places, where snails are there. Place the swab of turpentine on nostrils if nasal discharge is there but if discharge is greenish yellow in color then immediately consult to the veterinarian. Drinking water should not too cold. Vaccinate the livestock against Foot and Mouth disease. |
|--|-------------------------|---|

**Source:**

- 1) Weather Forecast : RMC, Mumbai  
2) Last week weather summary : IMD Observatory, WMP, MPKV, Rahuri.

**Place : MPKV, Rahuri**

**Date : 27.01.2023**

**Sd/-**

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Head, Department of Agronomy, MPKV, Rahuri**