



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

96) Weather based Agromet Advisory committee meeting dated 28.01.2022

District: Ahmednagar

| Last Week Weather Summary (21.01.2022 to 27.01.2022) | | | | | | | Weather Parameters | Weather Forecast (29.01.2022 to 02.02.2022) | | | | |
|---|------|------|------|------|------|------|-----------------------|--|----|----|----|----|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | Date | 29 | 30 | 31 | 01 | 02 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 30.8 | 30 | 28.6 | 22.2 | 21.8 | 23.2 | 22.6 | Max. Temp. (0C) | 27 | 29 | 30 | 29 | 28 |
| 14.9 | 15.3 | 15.9 | 11.5 | 8.7 | 10.9 | 10.5 | Min. Temp. (0C) | 10 | 11 | 12 | 11 | 10 |
| 0 | 0 | 0 | 2 | 0 | 0 | 0 | Cloud Cover | 0 | 0 | 0 | 0 | 1 |
| 74 | 88 | 88 | 91 | 80 | 75 | 76 | Max. RH (%) | 60 | 59 | 53 | 58 | 51 |
| 37 | 39 | 55 | 47 | 42 | 43 | | Min. RH (%) | 46 | 45 | 43 | 40 | 40 |
| 0.5 | 1.6 | 4 | 4.3 | 1.2 | 0.6 | 0.9 | Wind Speed(km/hr) | 9 | 5 | 4 | 8 | 6 |

Agromet Advisory Based on Weather Forecast Prediction

| Crop | Stage | Advisory |
|-------------------------|--------------------------|--|
| Weather Summary | | According to the weather forecast from the RMC, Mumbai, the weather will be dry for the next five days. |
| General Advisory | | Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. Use “Meghdoot” mobile app for weather based crop advisory. In case of manual field operations of harvesting/ picking, accomplish the operation in 4-5 feet 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. |
| SMS Advisory | | Wheat: Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL |
| Chickpea | Pod development | Due to cloudy environment, there is possibility of infestation of pod borer in chickpea crop. For control of pod borer, undertake spraying of Flubendiamide 48% SC @ 2.5 ml or emamectin benzoate 5% SG @ 4 gram or chlorantraniliprole 18.5 % SC 2ml per 10 liter of water. If it is not possible to irrigate the rainfed crop, then spraying of 2% urea at the time of flowering and 2% potassium nitrate (13:00:45) at time of pod formation stage should be done. |
| Rabi Sorghum | Flowering | Dust the crop with 1.5 % Quinalphos dust or 5% Malathion dust @ 20 kg/acre preferably in the morning when there is no wind for the control of army worms. |
| Wheat | CRI | Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL. |
| Maize | Vegetative growth | In case of re-emergence of Army worm on the crop, spray Imamectin benzoate 0.4 ml per liter of water. 4 pheromone traps per acre should be set to detect larval infestation. |
| Safflower | Flowering | Spray the crop with 10 ml Dimethoate 30 EC in 10 liters of water for the control of aphids. |
| Animals | | Keep cattle inside the sheds during night and provide dry bedding to protect them from cold. Increase protein level and minerals in the feed concentrate to keep the |



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|----------------|--|---|
| | | animals healthy to cope up with the cold condition. Give mineral mixture to animals along with salt regularly and also wheat grains, jaggery etc. @ 10-20% in the daily ration during winter season to meet the energy requirement of the animals. Do not allow cattle grazing during morning hours. Do not keep cattle in the open during night time. |
| Poultry | | Keep the chicks warm by providing artificial light in the poultry sheds. |

Source:

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

Place : MPKV, Rahuri

Date : 28.01.2022

Sd/-

**Nodal Officer, GKMS,
AMFU Rahuri & Head,
Department of Agronomy, MPKV, Rahuri.**