



AGROMET ADVISORY BULLETIN

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Weather based Agromet Advisory committee meeting dated 27.01.2023

District: KOLHAPUR

| Last Week Weather Summary (21.01.2023 to 27.01.2023) | | | | | | | Weather Parameters | Weather Forecast (28.01.2023 to 01.02.2023) | | | | |
|---|-----|------|------|--------------------------------|------|------|--------------------------|--|-----|-----|-----|-----|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | Date | 28 | 29 | 30 | 31 | 01 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 31.2 | 30 | 30.5 | 31 | 30.4 | 30.4 | 30.2 | Max. Temp. (°C) | 31 | 31 | 31 | 32 | 32 |
| 15.6 | 15 | 14.6 | 14.8 | 15.9 | 17.2 | 16.2 | Min. Temp. (°C) | 19 | 18 | 18 | 18 | 19 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | Cloud Cover | 2 | 1 | 2 | 3 | 2 |
| 1 | 2 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| 82 | 88 | 91 | 82 | 86 | 84 | 82 | Max. RH (%) | 70 | 64 | 71 | 71 | 65 |
| 44 | 44 | 52 | 57 | 87 | 79 | 80 | Min. RH (%) | 47 | 34 | 39 | 50 | 49 |
| 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0 | 0 | Wind Speed(km/hr) | 8.2 | 9.1 | 9.9 | 8.2 | 9.1 |
| E | SE | ESE | E | E | NE | E | Wind Direction | 158 | 135 | 135 | 124 | 126 |
| NE | SE | S | SE | NW | N | - | | | | | | |
| Rainfall previous week (mm) | | | | Rainfall since 01.01.2023 (mm) | | | | Rainy days since 01.01.2023 | | | | |
| 0 | | | | 0.0 | | | | 0 | | | | |

Agromet Advisory Based on Weather Forecast Prediction

| Crop | Stage | Advisory |
|----------------------|----------------------------|---|
| Weather Summary | | Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of partly cloudy sky from 28 th January to 1 st February. During next 5 days Maximum temperature will remain nearby 31.0 to 32.0 while minimum temperature will remain nearby 18.0 to 19.0°C. Morning relative humidity will remain between 64 to 71% and Afternoon relative humidity will remain 34 to 50%. Wind speed will remain up to 8.2 to 9.1 km/hr. |
| General Advisory | | <ul style="list-style-type: none"> ➤ Farmers should download and install "Phule Irrigation Scheduler (PSI)" in their android mobile for effective irrigation management of irrigation according to crop stage and type of soil and important information regarding water requirement of crop and run time of irrigation unit. ➤ Give irrigation to fruit crops during night time for maintaining temperature in orchard. |
| SMS Advisory | | Carry out spraying of 19:19:19 water soluble fertilizer @ 200 gram per 10 liters of water after 70 days of sowing of Wheat crop. |
| Wheat | Flowering to grain filling | <ul style="list-style-type: none"> ➤ For control of Aphid infestation on Wheat spray the crop with Thiamethoaxam 25% WG 50 gram per hector through mixing in 500 liters of water. ➤ Due to partially cloudy weather there is possibility of rust thus to control spray the crop with Mancozeb @1.5 kg per 500 liters of water. |
| Maize | Growth | ➤ For control of Army worm/ Spodoptera Frujiperda in Maize collect the clusters of eggs and destroy it and spray the crop with Emamectin Benzoate 5 G @ 4 gram per 10 liters of water or if necessary then take a spray of Thiamethoxam 12.6 % + Lambda Cyhalothrin 9.5 % @ 5 ml per liter 10 liter of water after 8 to 10 days. Take the spray in such a way that insecticide will go up to the base of lupper leaves. |
| Rabbi Sorghum | Grain filling to maturity | ➤ Protect matured sorghum crop from Birds. |
| Sugarcane | Planting | ➤ Suru: Complete the Sugarcane planting up to 15 th 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. |



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| | | |
|----------------|--------------------------------|---|
| Brinjal | Flowering to Fruit development | ➤ For control of infestation of Mites spray the crop with Fenprothrin 30%EC 5ml per 10 liters of water. |
| Okra | Flowering to fruit development | ➤ For control of Fruit Borer in Okra take the spray of Deltamethrin 2.8%EC 8 ml or Lambda Cyhalothrin 5% E.C. 6 ml per 10 liters of water. ➤ Use 10 Trichocards per hectore. |
| Animals | Growth | ➤ Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition. |

Source:

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 27.01.2023

Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur