



AGROMET ADVISORY BULLETIN

DISTRICT AGROMET UNIT, GRAMIN KRISHI MAUSAM SEWA
Dr. HEDGEWAR SEVA SAMITI, KRISHI VIGYAN KENDRA,
NANDURBAR



Ph. No. 02564 260544

E-mail: kvk_ndb@yahoo.com

87) Nandurbar District:Agromet Advisory committee meeting dated 28th January, 2022

| 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 | 0.5 | 0.5 | 0 | 0 | 0 | 0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 29 | 27.8 | 21.9 | 21.8 | 22.8 | 23.6 | 24.1 | Max. Temp. (°C) | 27 | 29 | 30 | 29 | 27 |
| 18.7 | 20.7 | 16.9 | 9.7 | 10.9 | 9.6 | 10 | Min. Temp. (°C) | 11 | 12 | 13 | 12 | 11 |
| Clear | Partly Cloudy | Partly Cloudy | Clear | Clear | Clear | Clear | Cloud Cover (Octa) | Clear | Clear | Clear | Clear | Clear |
| 97 | 98 | 55 | 75 | 74 | 76 | 75 | Max. RH (%) | 58 | 60 | 60 | 59 | 58 |
| 48 | 50 | 40 | 24 | 29 | 30 | 29 | Min. RH (%) | 39 | 40 | 40 | 39 | 38 |
| 8 | 12 | 8 | 6 | 12 | 10 | 15 | Wind Speed(km/hr) | 9 | 5 | 4 | 5 | 3 |

Agromet Advisory Based on Weather Forecast

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| Next Five Days Weather Forecast Summary | ➤ According to weather forecast given by India Meteorological Department, Regional Meteorological Center, Mumbai, possibility of weather remains dry during next five days in the district. Temperature may ranges maximum temperature 30 Degree Celsius and minimum temperature 11 Degree Celsius. |
| Extended Range Weather Forecast(ERFS) | ➤ Possibility of Maximum temperature may below normal & minimum temperature may normal in between 2 nd to 8 th February 2022 over Madhya Maharashtra. |

- For Weather Forecast and Agromet Advisory use “MEGHDOOT” Mobile application.
 ➤ For Protection from lightning use “DAMINI” Mobile application.

| Crop | Stage | Agromet Advisory |
|-------------------------|--------------------------------------|--|
| General Advisory | | Carry out spraying when wind is calm. Keep crops weed free by intercultivation on time. Carry out plant protection measures to protect the crop from pest and diseases infestations on time. |
| SMS Advisory | | Due to low temperature rabi crops should be irrigated at as per need of crop. |
| Wheat | Tillering Stage | In case of infestation of aphids due to low temperature, spray Thiamethoxam 25WG 50 gm / ha in 500 liters of water for control during clear weather condition. |
| Summer Groundnut | Presowing Preperation | Summer groundnut crop can be sown till 15 th February. Sowing should be done when minimum temperature is 18 degrees Celsius or higher. Varieties like SB-11, TAG-24, TG-26, JL-501, Phule Unnati etc. should be selected for sowing. |
| Chickpea | Pod filling to Maturity Stage | Carry out harvesting and threshing of matured gram crop. Then it should be dried in the sun for 6-7 days and stored in a dry, ventilated place. Do not harvest when the crop is moist. If gram crop is in flowering or pod filling stage, spray 2% urea in case of water stress. Wilt and Root rot diseased plants should be uprooted and destroyed. |
| Rabi Sorghum | Grain filling stage | Irrigate the rabi sorghum crop when crop is at grain filling stage. |
| Pigeonpea | Maturity | Harvesting and storage: Depending on the duration of the crop and the maturity of the variety, the crop should be cut after drying of the pods. Squeeze on the threshing floor. Avoid excessive growth of crop for next season this results in incidence of infertility. |



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|-----------------------------------|--------------------------|---|
| | | Before storage, dry grains should be stored in bags or in a dry place for 5 to 6 days in sun. If possible, store neem leaves mixed with 5% grains. Grain should not be stored in damp and damp places. |
| Sugarcane | Plantation | Planting: Sugarcane should be planted upto 15 th February. Setts Treatment: Mix 300 ml Malathion (50 EC) and 100 g Carbendazim in 100 liters of water. Dip setts for 10 minutes in it. Then mix 4 kg of Acetobacter and 500 gm of Phosphorus separately in 100 liters of water and soak the setts in it for 30 minutes then carry out planting. |
| Watermelon & Muskmelon | Planting | Planting Time: Crops is mainly planted in January to February. Watermelon Varieties: Sugar Baby, Arka Manik, Arka Jyoti etc. Muskmelon Varieties: Pusa Sarabati, Durgapura Madhu, Hara Madhu, etc Fertilizer Application: Apply 50:50:50 kg Nitrogen: Phosphorus: Potash per hectare should be given before planting. |
| Papaya | Fruit Development | As temperature is decreased for maintaining soil temperature give irrigation to crop during night. For protection from cold, cover the papaya fruit with white plastic bag with 6% porosity. |
| Banana | Fruit Development | As temperature is decreased for maintaining soil temperature give irrigation to crop during night. For protection from cold, cover the banana bunch with white plastic bag with 6% porosity. Banana Sigatoka disease control measures: Diseased leaf part or diseased leaves should be cut and destroyed. Spray Mancozeb 2.5 gm or Carbendazim 1 gm or Propiconazole 1 ml per litre of water. |
| Animal Husbandry | - | Cowshed Management: To protect the animals from the cold winds of winter, a temporary or permanent form of tarpaulin or wooden wall should be constructed so that cold winds do not enter the shed. Animals should be properly vaccinated by identifying the incidence of diseases that can occur in the changing environment. |
| Poultry | - | Protect poultry birds/chicks from cold winds by hanging curtain/clothing from outside the poultry shed. Use electric bulbs for maintaining proper temperature in poultry shed. |

Source:

1) Weather Forecast : India Meteorological Department, Regional Meteorological Centre, Mumbai

Place : Krishi Vigyan Kendra, Nandurbar

Date : 28.01.2022

Sd/-

Nodal Officer, GKMS-DAMU,
Krishi Vigyan Kendra, Nandurbar