



# AGROMET ADVISORY BULLETIN

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



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## 88) Nandurbar District : Agromet Advisory committee meeting dated 3<sup>rd</sup> February, 2023

AGRO-AWS Last Week Weather Summary (27.01.2023 to 02.02.2023)							Weather Parameters	IMD Weather Forecast (04.02.2023 to 08.02.2023)				
27	28	29	30	31	01	02	Date	04	05	06	07	08
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
27.7	29.8	29.3	29	27.6	26.2	27.9	Max. Temp. (°C)	30	31	32	32	32
16.7	17.5	16	16.7	19.5	12.5	16.4	Min. Temp. (°C)	12	13	14	15	14
Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Clear	Cloud Cover (Octa)	Clear	Clear	Clear	Clear	Clear
95	95	86	100	80	83	66	Max. RH (%)	65	64	68	65	65
55	47	41	43	49	45	30	Min. RH (%)	31	26	24	27	28
11	10	6	5	11	10	6	Wind Speed(km/hr)	7.7	8.8	8.5	6.8	8.2

## Agromet Advisory Based on Weather Forecast

Next Five Days Weather Forecast Summary		According to weather forecast given by India Meteorological Department, Regional Meteorological Center, Mumbai, During next five days, possibility of weather may dry. Maximum temperature ranges in between 30 to 32° C & minimum temperature ranges in between 12 to 15°C.
Extended Range Weather Forecast (ERFS)		Possibility of maximum temperature & minimum temperature may normal in between 8 <sup>th</sup> to 14 <sup>th</sup> February 2023 over Madhya Maharashtra.
Crop	Stage	Agromet Advisory
General Advisory		Keep crop weed free by intercultural operations. Carry out plant protection measures to protect the crop from pest and diseases infestations on time. Farmers must use MEGHDOOT mobile app for weather forecast and crop wise agromet advisories.
SMS Advisory		Give irrigation to rabi crops at moisture sensitive crop growth stages. During Clear Weather spray should be done.
Wheat	Tillering Stage	Spray 19:19:19 soluble fertilizer @ 2% (200 gm in 10 liters of water) 55 to 70 days after sowing. At the stage of grain filling, spray 2% urea (200 gm urea in 10 liters of water).
Chickpea	Pod filling Stage	Due to cloudy condition if infestation of Pod borer in gram crop observed, The first spray should be applied at the time of early flowering stage. For this 25 kg neem powder should be soaked in 50 liters of water overnight. In the morning remove the extract with the help of cloth and pour 450 liters of water in it. Spray this solution on 1 hectare area. After 10 to 15 days spray Heliokill 500 ml in 500 liters of water per hectare. Then take third spray of Chlorantriliprole 18.5% SC 100 ml per 500 liters of water if required during clear weather condition.
Rabi Sorghum	Grain Filling	If infestation of fall armyworm observed, carry out dusting of Malathion 5 % D.P. at the rate of 20 kg per hectare.
Summer Groundnut	Sowing	Seed Treatment: Apply 5 gm of Thirum or 2 gm of Carbendazim or 3 gm of Mancozeb or 5 gm of Trichoderma biological fungicides per kg of seeds before sowing to protect the crop from seed borne and seedling diseases. Then apply 25 gm of Rhizobium and 25 gm of Phosphorus soluble bactericide per kg of seed. Dry the treated seeds in shade.
Summer Greengram	Soil Selection	Sowing time for crop is 20 <sup>th</sup> January to 10 <sup>th</sup> February. Select varieties like Vaibhav, P.K.V AKM.-4, Utkarsha, B.M. 2002-1, B.M. 2003-2 for sowing. Spacing & Seed rate: For sowing spacing should be 30 × 10 cm. Use 5 to 6 kg seed per acre. Seed treatment: crop is susceptible to root rot disease. To control the onset of the disease and for early



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		germination, seed treatment with 5 gm Trichoderma and 25 gm Rhizobium per kg of seed. Fertilizer Application: Apply 20 kg N and 40 kg P per hectare while sowing.
<b>Sugarcane</b>	<b>Plantation</b>	Planting: Sugarcane should be planted upto 15 <sup>th</sup> 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.
<b>Watermelon &amp; Muskmelon</b>	<b>Planting</b>	Planting Time: Crops is mainly planted in January to February. Varieties selected as follows: Watermelon Varieties: Sugar Baby, Arka Manik, Arka Jyoti etc. Muskmelon Varieties: Pusa Sarabati, Durgapura Madhu, Hara Madhu, Arka Rajhans, Arka Jyot, etc. Give 50:50:50 kg Nitrogen, Phosphorus, Potassium per hectare before planting.
<b>Animal Husbandry</b>	-	Animals should be properly vaccinated by identifying the incidence of diseases that can occur in the changing environment.
<b>Poultry</b>	-	<ul style="list-style-type: none"> <li>➤ <b>Do's in backyard poultry rearing:</b></li> <li>➤ Avoid contact with migratory birds in your poultry.</li> <li>➤ Wash birds water and food containers daily.</li> <li>➤ Keep the poultry shed clean.</li> <li>➤ Vaccinate the poultry birds regularly.</li> </ul> <p>If any of poultry birds get sick or die, report it immediately to the nearest veterinary officer</p>

## Source:

- 1) Weather Forecast : India Meteorological Department, Regional Meteorological Centre, Mumbai
- 2) Past Week Weather: District Agromet Unit, Krishi Vigyan Kendra, Nandurbar

Place : Krishi Vigyan Kendra, Nandurbar  
Date : 03.02.2023

Sd/-  
Nodal Officer, GKMS-DAMU,  
KrishiVigyan Kendra, Nandurbar