



AGROMET ADVISORY BULLETIN

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



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86) Nandurbar District : Agromet Advisory committee meeting dated 27th January, 2023

AGRO-AWS Last Week Weather Summary (20.01.2023 to 26.01.2023)							Weather Parameters	IMD Weather Forecast (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)	4	12	10	0	0
30.5	28.6	26.4	26.1	25.2	26.5	27	Max. Temp. (°C)	27	26	25	27	27
11.4	11.8	12.2	12.2	15.2	16.2	18.2	Min. Temp. (°C)	15	14	13	11	12
Clear	Clear	Clear	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Cloud Cover (Octa)	Partly Cloudy	Partly Cloudy	Partly Cloudy	Clear	Clear
92	85	82	85	64	69	74	Max. RH (%)	69	70	74	68	65
18	40	34	41	36	36	52	Min. RH (%)	52	58	59	39	44
4	6	5	6	9	3	10	Wind Speed(km/hr)	12.6	10.7	10.7	9.6	14.8

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, possibility of light rainfall at isolated places during next two days. Maximum temperature ranges in between 25 to 27° C & minimum temperature ranges in between 11 to 15°C.	
Extended Range Weather Forecast (ERFS)	Possibility of maximum temperature may below normal & minimum temperature may normal in between 1 st to 7 th 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 shud 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	Flowering Stage	If water stress condition, take first spray of 2% urea (200 gm urea in 10 liters water) during flowering stage & also spray after 10 to 15 days helps in increasing crop yield.
Rabi Maize	Pod Filling	Give irrigation to the rabi maize crop when crop is at pod filling stage.
Rabi Sorghum	Grain Filling	Give irrigation to when crop is at grain filling stage. 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	Summer groundnut crop can be sown from 15 th January to 15 th February. Sowing should be done when minimum temperature is 18°C or higher. Variety Selection - 100 kg: SB-11, TAG-24, TG-26, JL-501, Phule-6021 & 120 to 125 kg: Phule Pragati, Phule Vyas, TPG-41. Phule Unap, Phule Unnati, Phule Bharti etc.
Summer Greengram	Soil Selection	Sowing time for crop is 20 th January to 10 th 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 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.
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



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		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. 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.
Papaya	Fruit Development	Fertilizer application: Give 200:200:200 gm NPK per tree in equal intervals of first, third, fifth and seventh month after planting by ring method.
Banana	Fruit Development	Due to decrease temperature in last week if infestation of Banana Sigatoka disease observed for control diseased leaf part or diseased leaves should be cut and destroyed. Spray Mancozeb 2.5 gm or Carbendazim 1 gm or Propiconazole 1 ml/litre water.
Animal Husbandry	-	To protect animals from cold winds, temporary or permanent form of tarpaulin or wooden wall should be constructed so that cold winds do not enter in the shed. Animals should be properly vaccinated by identifying the incidence of diseases that can occur in the winter.
Poultry	-	Increase feed to poultry birds by including energy and protein rich minerals.

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 : 27.01.2023

Sd/-

Nodal Officer, GKMS-DAMU,
KrishiVigyan Kendra, Nandurbar