



## AGROMET ADVISORY BULLETIN

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



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### 13) Weather based Agromet Advisory committee meeting dated 13<sup>th</sup> May, 2021

District: Nandurbar

Weather Parameters	Weather Forecast for Next Five Days (14 <sup>th</sup> May, 2021 To 18 <sup>th</sup> May, 2021)				
	14	15	16	17	18
Date	14	15	16	17	18
Rainfall (mm)	0	0	0	5	9
Maximum Temperature (°C)	38	39	41	41	40
Minimum Temperature (°C)	25	28	29	29	27
Cloud Cover (Octa)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Maximum Relative Humidity (%)	62	55	34	39	58
Minimum Relative Humidity (%)	18	15	15	20	30
Wind Speed (km/hr)	14	10	8	22	33

### Agromet Advisory Based on Weather Forecast

Crop	Stage	Agromet Advisory
		<ul style="list-style-type: none"><li>➤ According to weather forecast given by India Meteorological Department, Regional Meteorological Centre, Mumbai, during next five days weather may cloudy over district and Possibility of light rainfall at isolated places on 17<sup>th</sup> and 18<sup>th</sup> May. Maximum temperature may ranges in between 38 to 41 degree Celsius and minimum in between 25 to 29 degree Celsius.</li><li>➤ As per Extended Range Weather Forecast (ERFS) between 19<sup>th</sup> to 25<sup>th</sup> May, 2021 possibility of above normal rainfall. Possibility maximum temperatures may below normal and minimum temperatures may above normal over Madhya Maharashtra region.</li></ul>
		<ul style="list-style-type: none"><li>➤ Preparatory tillage operations such as ploughing, harrowing, land levelling and bunding should be done as early as possible.</li><li>➤ Deep ploughing should be done to make soil porous so that the roots of the plants develop fully.</li><li>➤ Decomposition the previous crop residue, farm waste, stones from the field should be collected.</li><li>➤ Collect soil sample for testing. It is necessary to check amount of nutrient, pH, etc status in the soil of your field.</li><li>➤ Arrange the quality and certified seed for kharif crops.</li><li>➤ Keep crops weed free by intercultivation on time. Carry out plant</li></ul>



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		protection measures to protect the crop from pest and diseases infestations on time.
<b>SMS Advisory</b>		➤ Possibility of light rainfall at isolated places on 17th and 18th May.
<b>Summer Groundnut</b>	<b>Growth Stage</b>	➤ Harvest crop when at the time of crop maturity, leaves become yellow and start shedding. Shell become hard and inside colour of shell become black.
<b>Sugarcane</b>	<b>Development Stage</b>	➤ The seasonal (Suru) Sugarcane crop should be kept weed free up to 4 months of planting by weeding and hoeing. As the summer season has started crop should be given irrigation at proper time intervals. Drip irrigation water management system should be adopted for sugarcane crop. Irrigate alternate rows and apply sugarcane trash as mulching. For control of early shoot borer disseminate two Trichocard per acre at an interval of 10 days if required repeat it 2 to 3 times. For chemical control spray Chlorantraniliprole 18.5% S.C., 3 to 4 ml per 10 lit. of water or 0.4 % G, 18.75 kg per hectare.
<b>Onion</b>	<b>Harvesting</b>	➤ Uproot the bulb by hand. The bundles of onion plants should build. Tops are cut leaving 2 cm neck on the bulbs after field curing.
<b>Chili</b>	<b>Development Stage</b>	➤ For control of Thrips and White fly on Chilli use yellow sticky traps for whitefly and blue sticky traps for thrips. For control of white fly by insecticide, spray Dimethoate (30 EC) 15 ml or Difenthiuron (50 WP) 12 gm or Fenpropathrin (30 EC) 5 ml with 10 liters of water. For the management of thrips, spray Fipronil (5 EC) 15 ml or Spinosad (45 EC) 4 ml with 10 liters of water.
<b>Banana</b>	<b>Development Stage</b>	➤ As the summer temperature is increasing apply optimum irrigation to the orchards at proper interval. Mulching with organic waste such as banana leaves, wheat straw, sugarcane trash, soybean straw, grass etc should be spread in between plant rows. The suckers at the base of banana trunk should be cut and destroyed at regular intervals also the dried and infected leaves should be cut and destroyed to keep the orchard clean. To protect the banana bunch from hot weather it should be covered by banana leaves.
<b>Tomato</b>	<b>Fruit Development Stage</b>	➤ The larva of fruit borer first feeds on leaves and then on green or ripened fruits. For control of it take 2-3 sprays of 25% EC Quinalphos 20 ml or Novaluron 10% EC 15 ml or chlorantraniliprole 18.5 SC, 3 ml per 10 lit. of water at an interval of 8-10 days.
<b>Animal Husbandry</b>	-	➤ Animals should be protected from the heat as the temperature rises. Arrange green fodder and provide cold drinking water.



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➤ For Weather Forecast and Agromet Advisory use “MEGHDOOT” Mobile application.

**Source:**

- |                      |                                          |
|----------------------|------------------------------------------|
| 1) Weather Forecast  | : Regional Meteorological Centre, Mumbai |
| 2) Last week weather | : NOT AVAILABLE                          |

**Place : Krishi Vigyan Kendra, Nandurbar**

**Date : 13.05.2021**

**Sd/-**

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