



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

### DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

#### 98) Weather based Agromet Advisory committee meeting dated 07.02.2023

**District: Ahmednagar**

Last Week Weather Summary (31.01.2023 to 06.02.2023)							Weather Parameters	Weather Forecast (08.02.2023 to 12.02.2023)				
31	01	02	03	04	05	06	Date	08	09	10	11	12
0	0	0	0	0	0	0	<b>Rainfall (mm)</b>	0	0	0	0	0
29.6	28.4	26.6	28.2	28.8	26.2	30.4	<b>Max. Temp. (0C)</b>	33	34	35	34	33
16.5	16.9	14.3	12.7	13.3	15.4	13.9	<b>Min. Temp. (0C)</b>	14	15	16	16	15
0	0	0	0	0	0	0	<b>Cloud Cover</b>	0	2	2	1	0
88	81	83	82	81	78	77	<b>Max. RH (%)</b>	70	72	70	65	64
47	50	36	30	39	27	27	<b>Min. RH (%)</b>	44	40	43	40	40
1.5	1.9	2.1	1.7	1.3	0.9	1.3	<b>Wind Speed(km/hr)</b>	9.7	10.3	7.1	8.2	12.2

#### **Agromet Advisory Based on Weather Forecast Prediction**

Crop	Stage	Advisory
<b>Weather Summary</b>		According to the weather forecast from the RMC, Mumbai, the sky will remain partly cloudy for 9 to 11 February.
<b>General Advisory</b>		Use Meghdoot mobile app for weather-based crop advisory and prediction.
<b>SMS Advisory</b>		<b>Onion:</b> Spray the crop with Mancozeb or Chlorothalonil 25 g or Tebuconazole 10 ml for control of blight disease.
<b>Onion</b>	<b>Vegetative growth stage</b>	Onion crop is likely to be affected thrips due to the current climate. This situation continues to increase till the month of February-March. Spray the crop with Dimethoate 15 ml or Lambdacyhalothrin 6 ml per 10 liters of water + 10 ml sticker should be sprayed with a simple hand pump at intervals of 10 to 15 days. Spray the crop with Mancozeb or Chlorothalonil 25 g or Tebuconazole 10 ml for control of blight disease.
<b>Wheat</b>	<b>CRI</b>	Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL.
<b>Maize</b>	<b>Vegetative growth</b>	In case of re-emergence of Army worm on the crop, spray Imamectin benzoate 0.4 ml per liter of water. 4 pheromone traps per acre should be set to detect larval infestation.
<b>Groundnut</b>	<b>Pre-Sowing</b>	Summer groundnut should be sown between 15 <sup>th</sup> January to 15 <sup>th</sup> February. For sowing, choose SB 11, TAG 24, Phule Unap, Phule Unnati, TG 26, JL 501 varieties.
<b>Chickpea</b>	<b>Pod development</b>	Install 10 pheromone traps per acre to attract male moths of Helicoverpa armigera. Also, for natural control of this worm, 40 bird perches per acre should be installed in the field. Similarly, 20 g Bacillus thuringiensis or 40 g Beauveria bassiana powder should be mixed with 10 liters of water and sprayed.
<b>Suru Sugarcane</b>	<b>Planting</b>	Complete the Sugarcane planting up to 15 <sup>th</sup> 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.



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI**  
**DEPARTMENT OF AGRONOMY, MPKV, RAHURI.**



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

<b>Citrus</b>		Spray the crop with 4 g Thiamethoxam 25 WG per 10 liters of water for the control of psylla and thrips.
<b>Rabi Sorghum</b>	<b>Flowering</b>	Dust the crop with 1.5 % Quinalphos dust or 5% Malathion dust @ 20 kg/acre preferably in the morning when there is no wind for the control of army worms.
<b>Brinjal</b>		Spray the crop with 10 ml Diafenthiuron 47.8 SC in 10 liters of water for the control of white flies.
<b>Coriander</b>		Spray the crop with 5% neem seed extract or 50 ml neem seed oil or 15 g Acephate 75 SP in 10 liters of water for the control of aphids, thrips and jassids.
<b>Safflower</b>	<b>Flowering</b>	Spray the crop with 10 ml Dimethoate 30 EC in 10 liters of water for the control of aphids.
<b>Mustard</b>		Spray the crop with 10 ml Dimethoate 30 EC or 10 g Acephate 75 SP per 10 liters of water for the control of aphids.
<b>Animal Husbandry</b>	<b>Care of Livestock in winter season</b>	Winter is healthy season for livestock, however small Kids/ Lambs/ Calves must be protected from the cold. Increase the use of groundnut cake and cotton seed cake in the diet of animals to increase their energy level. Give bypass fat and protein diet if possible. Vitamin-mineral mixture in the diet should be increased. Feed the animals with green fodder at day time and dry fodder at night. Grazing animals should be left for grazing late in the morning so that there will no dew on the grass. Do not graze the animals on marshy places, where snails are there. Place the swab of turpentine on nostrils if nasal discharge is there but if discharge is greenish yellow in color then immediately consult to the veterinarian. Drinking water should not too cold. Vaccinate the livestock against Foot and Mouth disease.

**Source:**

- 1) Weather Forecast : RMC, Mumbai  
2) Last week weather summary : IMD Observatory, WMP, MPKV, Rahuri.

**Place : MPKV, Rahuri**

**Date : 07.02.2023**

**Sd/-**

**Nodal Officer, GKMS, AMFU Rahuri &  
Head, Department of Agronomy, MPKV, Rahuri**