



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

### DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

#### 96) Weather based Agromet Advisory committee meeting dated 28.01.2022

**District: Dhule**

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	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
32	31	30	24	22	23	24.5	Max. Temp. (0C)	27	29	30	29	28
9.8	10.2	11.7	7	4.7	3.2	3	Min. Temp. (0C)	11	12	13	12	11
0	1	2	1	1	1	1	Cloud Cover	0	0	1	0	0
82	89	61	71	81	86	86	Max. RH (%)	58	60	60	59	58
	31	37	32		33	40	Min. RH (%)	39	40	40	39	38
3.6	2.7	5.6	3.5	2.1	2.6	2.5	Wind Speed(km/hr)	8	5	4	4	3

#### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
<b>Weather Summary</b>		According to the weather forecast from the RMC, Mumbai, the weather will be dry for the next five days.
<b>General Advisory</b>		Avoid the application of fertilizers during cold wave condition as the roots efficiency of plant become less during cold wave. Avoid intercultural operations during cold wave for avoiding the dissipation of heat from soil.
<b>SMS Advisory</b>		Wheat: 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>Chickpea</b>	<b>Pod development</b>	Due to cloudy environment, there is possibility of infestation of pod borer in chickpea crop. For control of pod borer, undertake spraying of Flubendiamide 48% SC @ 2.5 ml or emamectin benzoate 5% SG @ 4 gram or chlorantraniliprole 18.5 % SC 2ml per 10 liter of water. If it is not possible to irrigate the rainfed crop, then spraying of 2% urea at the time of flowering and 2% potassium nitrate (13:00:45) at time of pod formation stage should be done.
<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>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>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>Fruit Crops</b>		Cover young fruit plants with straw/ polythene sheets/ gunny bags.
<b>Animals</b>		Keep cattle inside the sheds during night and provide dry bedding to protect them from cold. Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition. Give mineral mixture to animals along with salt regularly and also wheat



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		grains, jaggery etc. @ 10-20% in the daily ration during winter season to meet the energy requirement of the animals. Do not allow cattle grazing during morning hours. Do not keep cattle in the open during night time.
<b>Poultry</b>		Keep the chicks warm by providing artificial light in the poultry sheds.

**Source:**

- 1) Weather Forecast : RMC, Mumbai  
2) Last week weather summary :

**Place : MPKV, Rahuri**

**Date : 28.01.2022**

**Sd/-**

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