



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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81) Weather based Agromet Advisory committee meeting dated 06.12.2024

District: Ahmednagar

Last Week Weather Summary (29.11.2024 to 05.12.2024)							Weather Parameters	Weather Forecast (07.12.2024 to 11.12.2024)				
29	30	01	02	03	04	05	Date	07	08	09	10	11
0	0	0	0	0	0	0	Rainfall (mm)	5	0	0	0	0
28	27.4	27.6	28.6	29.4	29.4	30.6	Max. Temp. (0C)	2	29	28	27	27
8.3	8.7	12.3	12.5	12.7	14.5	13.3	Min. Temp. (0C)	20	17	12	10	9
0	0	2	2	4	4	2	Cloud Cover	5	4	4	4	5
72	76	80	74	78	87	91	Max. RH (%)	77	78	78	75	76
34	40	50	47	62	57	51	Min. RH (%)	52	53	54	53	52
1.8	2.7	1.3	1.6	1.6	1.4	1.3	Wind Speed(km/hr)	2.5	3.1	3.5	5.8	8.6

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky will remain cloudy during next five days.
General Advisory		Use Meghdoot mobile app for weather-based crop advisory and prediction.
SMS Advisory		Sky will remain cloudy during next five days.
Chick pea	Seeding	Due to cloudy weather conditions the incidence of pod borer may increase. For the monitoring of the gram pod borer install 5 pheromone trap/ ha above 1 m from ground level. During the vegetative growth of crop take two preventive spray at 15 days of interval of NSE 5% or <i>Azadirachtin</i> 0.30% 300 PPM @ 50 ml per 10 liter of water. After the ETL level crosses by pod borer the spray Emamectin benzoate 05 % SG @ 4.4 g or Emamectin benzoate 01.90 % EC 7.5 ml or Indoxacarb 14.50 % SC @ 8-10 ml OR Indoxacarb 15.80 % EC @ 7 ml OR Lambda-cyhalothrin 05 % EC @ 12.5 ml OR Spinetoram 11.70 % SC @ 1 ml or Flubendiamide 8.33 % + Deltamethrin 5.56 % w/w SC @ 5 ml or Novaluron 5.25 % + Indoxacarb 04.50 % SC @ 17 ml per 10m liter of water.
Wheat	CRI	Due to the cloudy weather there is a possibility of infestation of aphid and jassid, spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL.
Safflower	Seeding	To avoid the moisture losses through the soil cracks and to aerate sub soil layer and also to manage the weed flora, the intercultivation/ hoeing is to be carried out at 25 to 30 DAS.
Vegetables crops		Due to cloudy weather, there is a possibility of increasing the prevalence of sucking pest. For control of sucking insects, spray with Dimethoate 30 EC 15 ml or Imidacloprid 17.8 SL 4 ml per 10 liters of water.
Tomato		At initial incidence of Pinworm, install 16 yellow sticky traps per acre. In heavy incidence, spray with Chlorantraniliprole 18.5 SC @ 3 ml or Flubendiamide 480 SC @ 3 ml in 10 liters of water.
Brinjal		Regularly monitor for shoot and fruit borer by using 5 pheromone traps per acre. Infested shoots and fruits should be collected and buried into the soil. In heavy incidence, spray with Chlorpyrifos 20 EC @ 20 ml or Emamectin benzoate 5 SG @ 4 g or Thiodicarb 50 WP @ 15 g in 10 liters of water.
Chili		For management of leaf curl virus, remove infected plant part and spray Acetamiprid 20 SP@ 3g per15 liters of water for control of whitefly vector.
Animal Husbandry		The rise in dust due to cold weather has resulted in a slight temperature increase, which poses a greater risk for viral diseases. It's crucial to keep animals dry during the occasional rains. With the sugarcane harvesting season underway and



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		heightened animal transport, it is essential to prioritise vaccination against foot-and-mouth disease. There is a risk of pneumonia during this season.
Mango		Spray Imidacloprid 17.8 SL @ 3 ml or Thiamethoxam 25 WG @ 4 g or Buprofezin 25 SC @ 20 ml or Deltamethrin 2.8 EC @ 5 ml or Lambda-cyhalothrin 5 EC @ 10 ml per 10 liters of water on entire mango tree for control of mango hopper before flowering.
Castor		For control of hairy caterpillar and spodoptera, spray <i>Bacillus thuringiensis</i> 0.5 WP @ 20 g per 10 liters of water. In heavy incidence, spray Dimethoate 30 EC @ 20 ml or Malathion 50 EC @ 20 ml 10 liters of water.

Source:

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

Place : MPKV, Rahuri

Date : 06.12.2024

Sd/-

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