



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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97) Weather based Agromet Advisory committee meeting dated 03.02.2022

District: Dhule

Last Week Weather Summary (27.01.2023 to 02.02.2023)							Weather Parameters	Weather Forecast (04.02.2023 to 08.02.2023)				
27	28	29	30	31	01	02	Date	04	05	06	07	08
0	0	0	0				Rainfall (mm)	0	0	0	0	0
28	29	32	32.5				Max. Temp. (0C)	30	31	32	32	33
11.9	12	12.2	13.6				Min. Temp. (0C)	12	12	14	15	14
0	1	1	1				Cloud Cover	0	0	0	0	0
84	89	89	90				Max. RH (%)	65	64	68	65	67
	29	30	41				Min. RH (%)	31	26	24	27	31
3.2	2	2.6	3.9				Wind Speed(km/hr)	7.7	8.6	8.5	6.9	8.4

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, the weather will be dry for the next five days.
General Advisory		Use Meghdoot mobile app for weather-based crop advisory and prediction.
SMS Advisory		Chickpea: Install 10 pheromone traps per acre to attract male moths of <i>Helicoverpa armigera</i> .
Chickpea	Pod development	Install 10 pheromone traps per acre to attract male moths of <i>Helicoverpa armigera</i> . Also, for natural control of this worm, 40 bird perches per acre should be installed in the field. Similarly, 20 g <i>Bacillus thuringiensis</i> or 40 g <i>Beauveria bassiana</i> powder should be mixed with 10 liters of water and sprayed.
Brinjal		Spray the crop with 10 ml Diafenthiuron 47.8 SC in 10 liters of water for the control of white flies.
Coriander		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.
Citrus		Spray the crop with 4 g Thiamethoxam 25 WG per 10 liters of water for the control of psylla and thrips.
Onion	Vegetative growth stage	For control of thrips spray alternately diamethoate 30% concentrate 15 ml or lambda pyhalothrine 5% concentrate 6 ml per 10 liter of water.
Rabi Sorghum	Flowering	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.
Groundnut	Pre-Sowing	Summer groundnut should be sown between 15 th January to 15 th February. For sowing, choose SB 11, TAG 24, Phule Unap, Phule Unnati, TG 26, JL 501 varieties.
Wheat	CRI	Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL.
Maize	Vegetative growth	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.
Safflower	Flowering	Spray the crop with 10 ml Dimethoate 30 EC in 10 liters of water for the control of aphids.



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Mustard		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.
Suru Sugarcane	Planting	Complete the Sugarcane planting up to 15 th 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.
Animal Husbandry	Care of Livestock in winter season	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 : College of Agriculture, Dhule.

Place : MPKV, Rahuri

Date : 03.02.2023

Sd/-

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