



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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57) Weather based Agromet Advisory committee meeting dated 16.09.2025

District: Dhule

Last Week Weather Summary (09.09.2025 to 15.09.2025)							Weather Parameters	Weather Forecast (17.09.2025 to 21.09.2025)				
09	10	11	12	13	14	15	Date	17	18	19	20	21
							Rainfall (mm)	6	12	9	5	3
							Max. Temp. (0C)	28	28	29	31	31
							Min. Temp. (0C)	24	24	23	23	22
							Cloud Cover	7	7	7	7	8
							Max. RH (%)	89	89	89	89	89
							Min. RH (%)	60	59	63	65	65
							Wind Speed (km/hr)	10	10	9	10	10

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky will remain partly cloudy during next five days. There is a possibility of light rain in some places during next five days.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction. Use Damini mobile app for electricity forecasting.
SMS Advisory		In pigeon pea if the infestation of Sterility mosaic disease observed then remove the infected plants and destroy it.
Cotton	Flower to Opening Boll	Under present weather condition, thrips infestation is observed in cotton at above ETL, spray Fipronil 80 WG @ 2 g per 10 liters of water.
Groundnut	Pod Development	Continuously monitor groundnut crop for infestation of aphids and jassids. If infestation found above ETL, then spray the crop with Imidacloprid 17.8 SL @ 3 ml in 10 liters of water.
Green gram, Black gram	Storage	After harvesting sun drying of pods to remove moisture. Grains get separated by beating the pods and sun dried for 4 -5 days. Store in cool and dry place. If possible apply 1% karanj or castor oil or mix 5% leaves of Neem and store it to protect from store grain pests.
Soybean	Pod Formation	Cloudy weather leads to infestation of leaf eating caterpillar (Spodoptera) in crops. To control it, spray Flubendamide 20% WG 6 gm or Flubendamide 39.35% AC 3 ml or Indoxacarb 15.80% EC 6 ml or Spinetorum 11.70% SC 10 ml per 10 liters of water.
Maize	Cob development	Due to the cloudy weather for the past few days, American Armyworm infestation has been observed, for which the following should be sprayed. 1) During the early stages (1st to 3rd instar) of larval growth, spray 5 ml of Neem extract 1500 ppm or 5% Neem extract per liter of water. 2) Spray the crop with chlorantraniliprole 18.5% SC 40 G.A.I./ ha or emamectin benzoate 5% SG 8 gm per liter. 3) Spinetorum 11.7 S. C. insecticide should be sprayed at a rate of 0.5 ml per liter of water. 4) Spray the crop with Emamectin 5% + Benzoate Lufenuron 40% WG 0.2 g or Novaluron 5.25% + Emamectin Benzoate 0.9% SC 3 ml per liter of water.
Onion	Plantation	For Rangda/ Rabi onion cultivation select improved varieties like



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		Baswant 780, Phule Samarth, N-2-4-1 etc. Time of planting: Sept - October Seed rate: 8 to 10 kg/ ha
Vegetable Crops	Emergence	While cultivating vegetable crops make use of yellow sticky traps, host trap crops, biological fungicides) <i>Metarhizium</i> , <i>Trichogramma</i> , <i>Verticillium</i> , etc.) should be used after planting according to the stage of the crop for the biological control of sap-sucking insects. If necessary, chemical insecticides and fungicides should be used.
Citrus		Hand picking and destroy the larvae of Lemon butterfly from the orchard. Then spray 5 % neem seed extract i.e. 500 g with washing powder @ 10 g in 10 liters of water at initial stage of pest. If infestation is more, spray Quinalphos 25 EC @ 30 ml in 10 liters of water.

Source:

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

Place : MPKV, Rahuri

Date : 16.09.2025

Sd/-

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