



AGROMET ADVISORY BULLETIN

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45) Weather based Agromet Advisory committee meeting dated 05.08.2025

District: Ahilyanagar

Last Week Weather Summary (29.07.2025 to 04.08.2025)							Weather Parameters	Weather Forecast (06.08.2025 to 10.08.2025)				
29	30	31	01	02	03	04	Date	06	07	08	09	10
0	0	0	0	0	0	0	Rainfall (mm)	5	9	10	9	5
29.8	29.4	29.6	30.2	30	30.2	31.8	Max. Temp. (0C)	31	31	30	29	29
22.3	22.3	21.9	22.7	22.5	22.7	21.9	Min. Temp. (0C)	24	22	22	23	24
4	4	4	2	2	2	1	Cloud Cover	6	7	8	8	8
89	81	83	80	79	81	80	Max. RH (%)	83	82	83	83	83
72	68	59	58	53	64	62	Min. RH (%)	50	53	55	57	58
1.3	1.8	1.7	1.4	1.7	1.3	1.2	Wind Speed (km/hr)	8	9	10	11	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 at isolated places for the next five days. Also There is a possibility of light rain accompanied with at Thunderstorms & Lightning, Squall etc some places during 7th & 8th August.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction. Use Damini mobile app for electricity forecasting. Stickers should be used when spraying during the rainy season.
SMS Advisory		Water the crops as per their requirements during the critical growth stages.
Cotton	Emergence to First Square	Install 5 pheromone traps at a distance of 50 m per hectare for survey and monitoring of pink bollworm and change septa after 3 weeks. If 8 or more moths are caught in one trap for 3 consecutive days, control measures should be initiated. To control pink bollworm, 40 pheromone traps per hectare should be placed in the field till the last picking and the lure (septa) of the trap should be changed every 21 days. Before spraying insecticides, infested cotton (Rosette) flowers should be plucked and destroyed along with the caterpillars. If the infestation is above ETL, then spray Profenofos 50 EC @ 20 ml or Spinosad 45 SC @ 4 ml or Emamectin Benzoate 5 SG @ 4 g or Indoxacarb 14.8 EC @ 10 ml per 10 liters of water. In present climate, if the infestation of leafhoppers is observed above the ETL then spray with neem oil @ 40 ml mixed with Acephate 75 SP @ 15 g per 10 liters of water.
Soybean	Vegetative	To survey and monitor tobacco leaf-eating caterpillars, install 5 pheromone traps at a distance of 50 meters per hectare and replace the septa every 3 weekss. Collect and destroy infested plant parts, egg masses and early instar larvae. Erection of bird perches @ 10-12/ha. Spraying of Nuclear Polyhedrosis Virus (SLNPV) @ 10 ml or Bacillus thuringiensis @ 10 g per 10 liters of water can effectively control the pest in its early stages. In the later stage of pest, spraying with Metarhizium (Nomuraea) rileyi @



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		<p>20 g per 10 liters of water can effectively control the pest.</p> <p>If the infestation is high then spray the crop with Indoxacarb 15.8 EC @ 7 ml or Emamectin benzoate 5 SG @ 8.5 g or Flubendiamide 39.35SC @ 3 ml per 10 liters of water.</p>
Sorghum, Maize	Vegetative	<p>Install 2 pheromone traps per acre at 50 m apart and septa should be replaced every three weeks for monitoring fall armyworm infestation.</p> <p>If 3 moths per trap are found in a pheromone trap for three consecutive days, 50,000 eggs parasitized with <i>Trichogramma pretiosum</i> (Riley) or <i>Telenomus remus</i> Nixon should be released into the field 3 times at one-week intervals.</p> <p>Spray 5% neem seed kernel extract or neem oil @ 40 ml with washing powder @ 10 g in 10 liter of water.</p> <p>Spray of <i>Beauveria bassiana</i> or <i>Metarhizium anisoplae</i> @ 40 g per 10 liter of water.</p> <p>If the infestation is high then spray the crop with Indoxacarb 15.8 EC @ 10 ml or Emamectin benzoate 5 SG @ 4 g per 10 liters of water.</p>
Green Gram, Black Gram	Pod formation	<p>If large larvae observe spray Heliokil 500 ml in 500 liter of water. If 2-3 larvae of pod borer per 10 plant observe then spray emamectin benzoate 5% SG 5 gram per 10 liter water</p>
Groundnut	Flowering to Peg Initiation	<p>Flowering starts after 30 to 35 days hence irrigation should be given.</p> <p>Pegging start after 40 to 45 days after sowing, hence, protective irrigation should be given.</p>
Vegetables		<p>Snails should be destroyed by picking them by hand and putting them in salt solution.</p> <p>Apply a 10 cm wide belt of lime or dry ash around the field inside the embankment.</p> <p>Neem powder 8 kg per acre should be applied to the field or 5% neem seed extract should be sprayed on the crop.</p> <p>Spray the crop with 10% salt solution (100g per litre) to control small snails.</p> <p>Sacks should be immersed in jaggery water and placed in the field at 8 to 10 places and next morning the snails collected under it should be collected and destroyed.</p> <p>Prepare a solution of 2 kg jaggery + 25 g yeast / curd in 10 liters of water and mix it well by adding 50 kg wheat or rice husk and keep this mixture to ferment overnight, then mix 50 g Thiamethoxam 25 WG, mix well and apply this mixture in the form of heap in the field.</p> <p>Metaldehyde 2.5% Pellet (Snailkill) should be applied locally at the rate of 2 kg per acre.</p>
Pomegranate		<p>Planting marigold around pomegranate plant for management of root-knot nematode.</p> <p>For effective and efficient control of nematodes, take a ring of 9 inches deep near the roots at 1 to 2 feet away from the trunk in the soil and apply <i>Paecilomyces lilacinus</i> 20 kg/ha with well decomposed FYM cover with soil. This should be done at the beginning of monsoon and thereafter at intervals of every 6 months.</p>

Source:

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



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Place : MPKV, Rahuri

Date : 05.08.2025

Sd/-

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