



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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43) Weather based Agromet Advisory committee meeting dated 26.07.2024

District: Ahmednagar

Last Week Weather Summary (19.07.2024 to 25.07.2024)							Weather Parameters	Weather Forecast (27.07.2024 to 31.07.2024)				
19	20	21	22	24	24	25	Date	27	28	29	30	31
0	0	0.4	1.2	0.8	1.6	21.4	Rainfall (mm)	20	35	14	8	13
30.4	30.8	30.6	30.2	29	28.6	29.2	Max. Temp. (0C)	30	31	32	32	33
23.9	23.7	23.5	23.9	24.1	23.7	22.5	Min. Temp. (0C)	26	26	26	27	27
2	0	2	2	2	2	6	Cloud Cover	8	8	8	8	8
84	81	89	87	83	87	95	Max. RH (%)	88	90	91	90	88
59	59	66	70	70	65	72	Min. RH (%)	79	82	81	79	79
1.9	2.6	1.9	5.1	3.7	3.6	3.3	Wind Speed(km/hr)	26	21	21	22	23

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 to medium rain at isolated places during next five days.
General Advisory		1) Use Meghdoot mobile app for weather based crop advisory and prediction. 2) Use Damini mobile app for electricity forecasting.
SMS Advisory		Green gram: Second hoeing should be done at optimum soil moisture condition followed by one hand weeding.
Cotton	Emergence to First Square	Planting of 5 lines or 20% non-Bt cotton around Bt cotton so as to maintain resistance in Bt cotton against bollworm. Planting of maize, cowpea and marigold as trap crop, intercrop or mixed crop in cotton with a view to conserve natural enemies of sucking pests.
Sugarcane	Sowing	If the land is prepared then planting should be done after 15 th July. Recommended varieties- CO 86032 (<i>Nira</i>) & CO.M. 0265 (<i>Phule-0265</i>), CO.V.S.I. 9805 (<i>Sharad-1</i>) and V.S.I. 434. Use only the nursery variety. Apply 30 tones (60 carts) FYM before planting. Then apply 40 kg N (87 kg Urea), 85 kg P (531 kg Single super phosphate) & 85 kg K (142 kg Muret of Potash) per ha at the time of planting.
Black gram	Branching	Release egg parasitoids <i>Trichogramma</i> spp. Only after noticing adult moth catches in the pheromone trap or as pheromone trap or as per field observation. On observation of eggs, small larvae of pod borer spraying should be done with NSKE 5%. Spraying should be done only after seeing the rainfall situation.
Green gram	Branching	Second hoeing should be done at optimum soil moisture condition followed by one hand weeding.
Soybean	Vegetative	Planting of castor around the crop for the management of <i>Spodoptera litura</i> . Install 5 pheromone traps/ha for monitoring of <i>Spodoptera litura</i> .
Pigeon pea	Seedling	It is recommended to carry out first hoeing during 20-25 days after sowing and second hoeing during 35-35 days after sowing. Install Bird perches of T shape @ 50-60/ha in the field. As soon as the incidences of disease are noticed, uproot and destroy the affected plants. To prevent the spread of sterility mosaic disease, when the crop is 20 and 40 days old, spray Sulfur 50% (WP) 30 g per 10 liters of water or neem oil 40 ml mixed with 10 liters of water.



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Gourd Vegetables	Cucumber, Bitter Gourd, Ridge Gourd, Sponge Gourd, Bottle Gourd, Pumpkin: Diseased leaves should be removed and destroyed as soon as symptoms of Downy Mildew disease appear. For fruit fly control, use Cu-Lure Kamgandha traps at the rate of 5 per acre.
Vegetable crops	If it has been one month after the planting of Chilli, Brinjal, Tomato, Okra, French Beans, Cluster Beans, Onion, Indian Bean crops, then weeding should be and apply the recommendation dose of fertilizers.
Animal Husbandry	Keeps the animals at safe places during rainy season. Pastoralists should find out what kind of worms are in their area. Animal dung should be examined to know the types of worms. Once the type of worms is understood, with the help of a veterinarian select useful and effective intoxicant for control and preventive measures. Animal immunity should be enhanced. So as to curb and control the growth of worms. For this the animals should be given a well balanced diet. It is important to keep the shed clean, dry and well ventilated and to disinfect it from time to time. When giving medicines: Follow the instructions on the wrapper to give the medicine in the right amount.

Source:

- 1) Weather Forecast : RMC, Mumbai
2) Last week weather summary : College of Agriculture, Dhule.

Place : MPKV, Rahuri
Date : 26.07.2024

Sd/-
Nodal Officer, GKMS, AMFU Rahuri &
Head, Department of Agronomy, MPKV, Rahuri.