



AGROMET ADVISORY BULLETIN

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76) Weather based Agromet Advisory committee meeting dated 20.11.2020

District: Ahmednagar

Last Week Weather Summary (13.11.2020 to 19.11.2020)							Weather Parameters	Weather Forecast (21.11.2020 to 25.11.2020)				
13	14	15	16	17	18	19	Date	21	22	23	24	25
0	0	0	0	0	0	0	Rainfall (mm)	12	0	3	2	0
28	30.4	30.6	32.2	29	31.6	31.8	Max. Temp. (0C)	32	32	31	31	31
17.9	19.3	19.4	17.5	20.4	21.3	20.1	Min. Temp. (0C)	20	19	19	19	17
0	0	0	0	0	0	0	Cloud Cover	4	3	2	3	2
78	89	85	90	84	73	88	Max. RH (%)	69	64	64	61	51
47	45	41	45	43	36	42	Min. RH (%)	43	42	45	43	35
1.2	1.2	0.9	0.6	1.4	2	1.1	Wind Speed(km/hr)	7	10	9	6	7

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Sky will remain partly cloudy during next five days. Light rains expected at isolated places during 21 st November.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction. In case of manual field operations, accomplish the operation in 4-5 feet spaced strips assigning one strip to one person. This will ensure adequate social distance to engaged labours. Agricultural machinery should be sanitized frequently. Farmer should use face mask. Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.
SMS Advisory		
Sugarcane	Pre-Sowing Preparation	Varieties developed by the university should be selected for pre-seasonal sugarcane cultivation before November end. Sett Treatment: Before planting, setts should be treated with 300 ml of malathion or 265 ml of dimethoate or 100 g of bavistin in 100 liters of water for 10 minutes. Then soaked the sugarcane setts in the mixture of 10 kg of acetobacter or 1 liter of liquid acetobacter + 1.25 kg of PSB in 100 liters of water for 30 minutes.
Cotton	Picking	It is better to pick cotton in the morning, as the moisture in the air does not cause the sticky, dried leaves to stick to the cotton.
Chickpea	Seedling	Hoeing should be done to control weeds as well as to reduce evaporation losses from soil and for free air circulation.
Safflower	Emergence to Seedling	Thinning is recommended for maintaining the optimum plant population.
Rabi Sorghum	Vegetative	Second weeding should be done as needed. Hoeing should be done after 8 weeks of sowing and give second protected water if required.
Onion		For the control of thrips and blight, spray lambda cyhalothrin 5% EC 6 ml + tebuconazole 10 ml plus sticker 10 ml per 10 liters of water with a simple hand pump.
Chili		If leaf curl, dieback, leaf spot etc. are found on this crop at present, spray fipronil 15 ml or thiamethoxam 4 g + mancozeb 25 g or copper oxychloride



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		25 g or difenoconazole 10 ml per 10 liters of water with hand pump. Apply 2 to 3 sprays of this fungicide alternately at intervals of 10 days.
Tomato		In case of blight and fruit rot on the tomato, the diseased leaves and fruits lying on the ground should be collected and burnt properly. Also spray mancozeb 25 gm or tebuconazole 10 ml + 10 liters of water and spray with a hand pump. Further spraying should be done at intervals of 10-15 days as required. In addition to the above fungicides, metalaxyl + mancozeb (combined fungicide) 25 gm or streptomycin 1 gm + copper oxychloride 25 gm per 10 liters of water should be sprayed with a hand pump for control of fruiting and blight. Spray Cypermethrin 10 EC 10 ml or emamectin benzoate 25 WDG 4 gm or chlorantraniliprole 18.5 S.C. 3 ml. Or flubendiamide 39.35 SC Spray 3 ml per 10 liters of water for control of fruit borer larvae. During this spraying, 5% neem extract should be sprayed from time to time.
Cauliflower		Incidences of black leaf blight observed in crop then spray copper oxychloride 25 gm 10 liters of water. Spray copper oxychloride 25 g + streptomycin 1 g per 10 liters of water with a hand pump for the control of black rot. For the control of square diamond back moth, spinosad 2.5 S.C. 10 ml. Or indoxacarb 14.5 SC. 10 ml or chlorantraniliprole 18.5 sc. 2 ml. Spray with 10 liters of water plus 10 ml of stickers together.
Cucumber family crops		Incidences of black blight and downy mildew observed in crop then spray copper oxychloride 25 gm or metalaxyl + mancozeb combined fungicide 25 gm or fosetyl AL 20 gm + mancozeb 20 gm per 10 liters of water. Further spraying should be done every 10 days as required

Source:

- 1) Weather Forecast : Research Section, Mumbai
2) Last week weather summary : IMD Observatory, WMP, MPKV, Rahuri.

Place : MPKV, Rahuri

Date : 20.11.2020

Sd/-

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