



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

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59) Weather based Agromet Advisory committee meeting dated 23.09.2022

District: Dhule

Last Week Weather Summary (16.09.2022 to 22.09.2022)							Weather Parameters	Weather Forecast (24.09.2022 to 28.09.2022)				
16	17	18	19	20	21	22	Date	24	25	26	27	28
0	4.6	36	41.8	33.8	0	0	Rainfall (mm)	20	6	4	15	10
29	29	31.5	31	26.5	31.5	31.5	Max. Temp. (0C)	27	30	31	32	32
20.7	19.4	18.7	19.2	19.2	21.2	19.7	Min. Temp. (0C)	22	23	24	24	24
2	2	2	2	2	2	2	Cloud Cover	8	5	4	6	4
92	96	95	98	95	87	88	Max. RH (%)	86	90	88	87	89
	61	65	71		55	50	Min. RH (%)	65	67	58	60	58
4.2	4	1.5	2.4	2.4	4.7	4.9	Wind Speed(km/hr)	21	17	16	17	16

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the Regional Meteorological Center, sky will remain partly cloudy and light rain is expected at isolated places during next five days.
General Advisory		1) A sticker should be used while spraying during monsoon. 2) Goat pox vaccine should be administered on the advice of a veterinarian to control lumpy skin disease.
SMS Advisory		Light rain is expected at isolated places during next five days.
livestock		"Lumpy skin disease" Reasons This disease originates from the "Capripox" virus. This virus is related to Devi disease of Goat and Sheep. Care to be taken by farmers Keeping infected animals separate from healthy animals. Banning any potentially diseased animal from entering the herd of healthy animals. Prohibition of joint release of infected and healthy animals in the pastures of disease-infested villages. Control of mosquitoes, ticks and similar insects. Also, applying anti-bite medicine to healthy animals and spraying the medicine in the cowshed. Prohibition of movement of animals from endemic areas to non-endemic areas as well as local markets. Preventive measures Immediately contact the nearest veterinary clinic and get treatment. If the tumor on the skin turns into a wound, apply medicated ointment to the wound as directed by the veterinarian to prevent germs from entering the wound. Goat pox vaccine should be administered on the advice of a veterinarian to control lumpy skin disease.
Cotton	Flower to Opening Boll	Due to continuous rains, the water accumulated in the fields should be drain out. Also, there is a possibility that the tops of the cotton crop will turn yellow. After the Wapasa condition, the crop should be fertilized with urea 15 kg + murate of potash 25 kg per hectare. If the fields are waterlogged by continuous rainfall the roots of the crops become



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		week. For that, the following sprays should be done after getting exposure. 1) Spray 1% Micro Grade II (100ml in 10 lit. of water) twice at 15 days interval. Or 2) Spray 2 % Urea (200g in 10 liters of water) twice at 15 days interval. Or 3) Spray 1.5 % potassium nitrate 13:00:45 (150 g in 10 liters of water) twice at 15 days interval.
Pigeon pea	Branch-ing	Due to continuous rains, the water accumulated in the fields should be drain out. If the fields are waterlogged by continuous rainfall the roots of the crops become week. For that, the following sprays should be done after getting exposure. 1) Spray 1 percent Micro Grade II (100 ml in 10 liters of water) twice at 15 days interval. Or 2) Spray 2 percent urea (200 g in 10 liters of water) twice at 15 days interval. Or 3) Spray 1.5 percent potassium nitrate 13:00:45 (150 g in 10 liters of water) twice at 15 days interval.
Onion		In case of yellowing of onion leaves due to continuous rain, spray with Tebuconazole 1 ml + sticker per 10 liters of water after exposure.
Fruit Crops		1) Due to continuous rains, the water accumulated in the fields (mango, guava, grape, lemon and lime orchards) should be drain out. Care should be taken that water does not accumulate near the trunk. Bordeaux paste (1 kg Morchud + 1 kg lime + 10 liters water) should be applied to the trunk of the tree up to a height of 2-3 feet. 2) For the control of sucking pest on citrus and Acid lemon, Verticillium 50 g (biological insecticide) should be sprayed with 10 liters of water. 3) Two sprays of 4.4 ml Spinosad 45 AC or 5 ml Novanluron 10 EC or 3 ml Imidacloprid 17.8 SL per 10 liters of water should be done at an interval of 15 days when the young leaves of Acid lemon and Citrus fruit trees are affected.
livestock		Livestock Management in rainy season As there is possibility of rainfall keep the animals at safe places. During rainy season do not give excess of green fodder to animals. In rainy season wounds gets formed near hoofs of sheep's to prevent this prepare the solution of Copper Sulphate or Formaldehyde in tank up to the height that hoofs gets dip into the solution and allow the sheep's to go from that solution.

Source:

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

Place : MPKV, Rahuri
Date : 23.09.2022

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