



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 04.08.2020

District Pune

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (22.07.2020 to 28.07.2020)							Weather Parameters	Weather Forecast (04.08.2020 to 08.08.2020)				
22	23	24	25	26	27	28	Date	4	5	6	7	8
0.0	1.5	7.6	31.5	36.8	0.0	0.0	Rainfall (mm)	324	212	98	30	18
32.5	32.7	31.6	29.6	31.9	30.8	30.0	Max. Temp. (0C)	29	29	30	30	31
23.2	23.1	22.7	20.6	22.0	22.2	22.5	Min. Temp. (0C)	22	22	22	22	22
							Cloud Cover	8	8	8	8	7
87	85	92	95	92	87	85	Max. RH (%)	91	92	91	89	88
78	62	93	65	59	73	69	Min. RH (%)	81	82	85	79	71
3.2	3.7	3.9	1.5	1.4	3.9	6.7	Wind Speed(km/hr)	27	25	20	17	17
							Wind direction (deg)	253	251	229	245	261

Agromet Advisory Based on Weather Forecast Prediction

Crop	Crop Stage	Advisory
Weather Summary/ Alert		According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department there is possibility of rainfall at most (Wide Spread) places on 04 th to 06 th August, 2020 and at few (Scattered) places on 07 th & 08 th August, 2020 in the district. Warning : There is possibility of very heavy to extremely heavy rainfall at isolated places in Bhore, Velha, Mulshi, Maval, Khed, Ambegaon, Junnar, Haveli Talukas of the district on 04 th to 06 th August, 2020 and isolated places in Purandar, Daund, Shirur, Baramati, Indapur Talukas of the district may experience heavy rainfall.
General Advisory		<ul style="list-style-type: none"> Care should be taken to avoid water logging condition in field and standing crop by draining out excess rainwater. As there is possibility of rainfall proper precaution should be taken by farmers of themselves and the cattle's and animals should be kept at safe place. The spraying of pesticide, insecticide should be done considering the forecasted rain and preferably when there is no rain also the fertilizer application should be postponed for next 3 days. The rainfall received should be percolated and saved in the farm itself by various water harvesting and conservation techniques.
Paddy	Transplanting	Complete the transplanting activity and the water level in the newly transplanted paddy field should be maintained up to 1 to 2 cm till the saplings get settled. After this when the plants are in primary growth stage the water level in the paddy field should be maintained up to 2 to 3 cm. where the transplanting of paddy is over for control of weeds spray Butyachlor 50 EC or

		Benthiocarb 50 EC 1.5 kg per 500 litre of water within 1 week of transplanting by removing all the water in the field and spray it and on next day again maintain the water level in the field.
Soybean	Vegetative growth stage	For control of shootfly take a spray of Chlorantriliprole 18.5 SC 2.5 ml per 10 lit. of water when there are no rains.
Sugarcane	Planting	For plantation of adsali (mid) sugarcane land preparation and cultivation practices should be carried out and for plantation use recommended varieties such as CO-86032, CO-M-0265. Mix Dimethoate 30 % EC 265 ml in 100 liters of water and deep Sugarcane sets into the prepared solution for 10 minutes which protects the Sugarcane from fungal diseases and mealy bugs. Prepare the solution by mixing Acetobactor and Phosphorus solubilizing Bacterial culture 10 kg and 1.25 kg respectively in 100 liters of water. Deep the Sugarcane sets into the prepared solution for 10 minutes and then carry out planting which saves 50 % Nitrogenous and 25 % Phosphorus fertilizers dose.
Pigeon Pea	Vegetative growth stage	For maximizing yield keep the field weed free upto 30-45 days after sowing so that the competition between the saplings for soil moisture and soil nutrients can be avoided. Also after 45 days of sowing plucking of apical buds should be done to maximize the yield.
Green gram & black gram	Flowering stage	For control of pest and disease infestation in flowering to pod filling stage spray monocrotophos 36% SL 625ml + water soluble sulphur 1250 gram in 500 lit of water for one hectare when there are no rains.
Maize	Vegetative growth stage	For control of shoot borer apply 10% Phorate granules @ 10Kg per hectare in the field. If the infestation of Fall Army Worm is more than 10% for its control take a spray of Chlorantriliprole 18.5 SC 4 ml per 10 lit. of water when there are no rains.
Tomato	Fruit maturity	For control of fruit borer gather all the infested fruits and bury them in soil. Take a spray of deltamethrine 2.8 EC, 8 ml or quinolphos 25% EC, 20 ml or lambda pyhalothrine 5% EC, 6 ml per 10 lit. of water when there are no rains.
Lemon	Vegetative growth stage	Due to present cloudy weather for control of aphid pest apply diamethoate 30 EC 20 ml per 10 lit. of water when there are no rains.
Animal Management		Care should be taken to avoid water stagnation around the cattle shed and also, avoid wetness inside the cattle shed. It is most important to give wormicide medicine to animals by consulting veterinary doctor. Always give clean drinking water to animals. For control and prevention of diseases all animals should be given vaccine and medicine in consultation with veterinary doctor.

Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.

Source:

- 1) Weather Forecast : Regional Meteorological Centre (RMC, Mumbai)
2) Last week weather summary : IMD observatory (CAgMO, A.C., Pune)

Place : COA, Pune

Date : 04.08.2020

Sd/-

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