



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 04.08.2020
District Jalgaon

Weather Parameters	Weather Forecast (04.08.2020 to 08.08.2020)				
Date	4	5	6	7	8
Rainfall (mm)	18	17	12	3	13
Max. Temp. (0C)	31	31	32	32	32
Min. Temp. (0C)	24	23	23	24	24
Cloud Cover	6	7	7	6	7
Max. RH (%)	81	86	83	80	81
Min. RH (%)	55	55	66	54	56
Wind Speed(km/hr)	8	16	13	13	17
Wind direction (deg)	116	249	203	248	273

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 few (Scattered) places on 04 th , 05 th , 06 th , 08 th August, 2020 and at isolated places on 07 th August, 2020 in the district.
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. The rainfall received should be percolated and saved in the farm itself by various water harvesting and conservation techniques.
Cotton	Vegetative growth stage	Due to present cloudy and humid condition, cotton crop may be protected from sap sucking pests by spraying 5% neem ark when there are no rains. The cotton plant may get infested by green leaf eating caterpillar, for its control erect 5 pheromone traps per hectare. For control of reddening in cotton apply 25% more fertilizers than the recommended dose (125:65:65) N:P:K along with 20-30kg of magnesium sulphate per hectare. Also take two sprays of 2% DAP at an interval of 15 days during vegetative growth stage. For control of pink boll worm erect pheromone traps in the area of cotton ginning mills and adjoining area of about 2 km.
Soybean	Vegetative growth stage	For control of shoot fly take a spray of Chlorantriliprole 18.5 SC 2.5 ml per 10 lit. of water when there are no rains.
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.
Vegetable crops	Vegetative growth stage	For control of sap sucking pests apply imidychloprid 70 WG, 0.7 gm or thiamethoxam 25 WG, 2 gm or diamethoate 30 EC, 15 ml per 10 lit. of water when there are no rains.
Banana	Vegetative growth stage	Always keep the soil in the orchard clean. Intercultural operation should be done. Every three months staking of soil to the plants should be done. The suckers at the base of the plants should be removed by sharp knife. The infested leaves should be removed and destroyed outside the banana orchard. Do not remove green leaves. If required provide necessary support to the plant.
Animal Managemen nt		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 : -

Place : COA, Pune
Date : 04.08.2020

Sd/-
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Head, Department of Agril. Meteorology, COA, Pune.