



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 16.10.2020
District Jalgaon

Weather Parameters	Weather Forecast (16.10.2020 to 20.10.2020)				
	17	18	19	20	21
Date	17	18	19	20	21
Rainfall (mm)	10	19	33	3	10
Max. Temp. (0C)	34	32	34	31	32
Min. Temp. (0C)	25	24	24	23	24
Cloud Cover	6	8	8	7	8
Max. RH (%)	83	85	90	89	86
Min. RH (%)	56	60	57	62	57
Wind Speed(km/hr)	5	6	8	7	7
Wind direction (deg)	119	252	307	287	224

Agromet Advisory Based on Weather Forecast Prediction

Crop	Crop Stage	Advisory
Weather Summary/ Alert		<p>According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department there is possibility of rainfall at few places (Scattered) on 16th, 17th and 18th October, 2020 and there is possibility of rainfall at isolated places on 19th and 20th October, 2020 in the district.</p> <p>Warning : There is possibility of thunderstorm accompanied with lightening and rainfall at isolated places on 16th, 17th, 19 & 20th October, 2020 in the district.</p>
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. Kharif crops should be harvested considering the forecasted rain and preferably when there is no rain and keep it at safe storage place at proper time to avoid losses by rains. Field should be prepared for the approaching rabi season so that sowing of rabi crops like rabi sorghum and rainfed gram can be done on time. Sowing of rabi crops should be done by giving seed treatment at proper depth and optimum soil moisture condition. Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast. Also, farmers should download and make use of use of Damini mobile app for lightning and thunderstorm warning and forecasting.
Cotton	Boll formation	Due to present cloudy and humid condition, cotton crop may be protected

	stage	from sap sucking pests by spraying 5% neem ark when there is no rain. The cotton plant may get infested by white flies for its control spray Flonicamid 50 WG 4 gm or Dinotefuran 20 % SG 3gm per 10 lit. of water when there is no rain. The cotton plant infested by Pink bollworm for chemical control spray profenophos 50 EC 20 ml or spinosad 45 SC 3.5 ml or Thiodicarb 75 WP @ 20 gm per 10 lit. of water when there is no rain. For control of boll, leaves, flower drop spray planofix 40 ml per 100 lit. of water per acre.
Soybean	Maturity to harvest	In standing crop care should be taken to avoid water logging condition by draining out excess rainwater and maintain aeration in standing crop. Harvesting of the matured crop should be done after rains have stopped and keep the harvested produce in heaps to dry in sunlight. Threshing should be done after removing the sprouted grains.
Ground-nut	Pod development to maturity	In standing crop care should be taken to avoid water logging condition by draining out excess rainwater. Harvesting of the matured crop should be done after rains have stopped and keep the harvested produce at safe place.
Pigeon pea	Flowering	Care should be taken to avoid water logging condition in field and standing crop by draining out excess rainwater. For control of wilt apply Trichoderma 10 gm per 1liter of water and drench this solution 50-100 ml per plant. For control of leaf roller spray 5 % neem ark.
Chilli		Due to present cloudy and humid condition Copper oxychloride or chlorothalonil 25 gm per 10 liters of water should be sprayed for control of leaf spots on the chilli crop when there is no rain. In case of wilt disease, 25 gm of copper oxychloride is mixed in 10 liters of water and 50 ml per plant should be drenched.
Banana	Growth stage	Due to present weather condition for control of thrips cover the fruit bunch by 6% perforated polythene bags. For control of aphids spray diamethoate 20 ml per 10 liter of water.
Animal Managemement		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 liver fluke disease 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 : 16.10.2020

Sd/-

**Principal Nodal Officer, GKMS, AMFU Pune &
Head, Department of Agril. Meteorology, COA, Pune.**