



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

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (10.10.2020 to 16.10.2020)							Weather Parameters	Weather Forecast (16.10.2020 to 20.10.2020)				
10	11	12	13	14	15	16	Date	17	18	19	20	21
0.2	23.6	2.4	16.2	5.9	112.1	7.1	Rainfall (mm)	10	3	29	24	14
32.8	33.8	28.0	31.3	31.7	28.0	26.7	Max. Temp. (0C)	31	31	31	30	31
22.0	22.0	20.6	21.3	21.7	22.0	21.8	Min. Temp. (0C)	21	20	21	21	21
							Cloud Cover	5	7	7	8	8
92	98	95	95	97	95	97	Max. RH (%)	92	90	91	93	93
50	87	58	83	85	77		Min. RH (%)	68	57	60	69	72
1.8	1.6	1.2	0.9	0.8	2.4		Wind Speed(km/hr)	5	5	9	8	11
							Wind direction (deg)	176	250	271	284	285

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 isolated places on 16th and 17th October, 2020 and there is possibility of rainfall at few places (Scattered) on 18th, 19th and 20th October, 2020 in Pune district.</p> <p>Warning : There is possibility of thunderstorm accompanied with lightening and rainfall at isolated places on 17th, 19 & 20th October, 2020 in Pune 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.
Paddy	Grain filling	The water level in the paddy field should be maintained up to 10 cm when in grain filling stage and drain out excess rain water stagnated in field. Due to cloudy and humid condition for the control of leaf roller spraying should be done after crossing the economic threshold level 2 infected leaves per hill. For the control of leaf roller and plant hoppers jassid spray 5 % Neem Extract or Acephate 75 % SP 600 gm per hectare in 500 liters of water when there are no rains.
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.
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.
Sugarcane	Pre-seasonal Planting	The planting of Pre seasonal Sugarcane should be started only after cessation of rainfall activity. Select varieties like Co.86032 (Nira), Co.M0265 (Phule 265), M.S.10001 (Phule 10001), Co. 94012 (Phule Savitri), Co.C.671 (Vasant-1) for cultivation.
Citrus crop		Due to present cloudy and humid condition for control of Phytophthora fungus, Trichoderma organic fungus should be mixed with cow dung manure at the rate of 25 g per plant. Carbendazim at the rate of 10 g per 10 liter should be sprayed immediately for control of stem rot in citrus crop.
Onion		Due to present cloudy and humid condition for control of thripss and blight take spray of dimethoate 30 % EC 15 ml or Iyambda psyhalothrin 5 % EC 6 ml + tebuconazole 10 ml + Sticker 10 ml. per 10 lit. of water when there is no rain. Onion planting should be completed before the end of October. For this Baswant 780, Phule Samarth and N-2-4-1 varieties should be used. The seed treatment with Azospirillum and Phosphorus soluble bacteria at the rate of 25 gm per kg of seed should be done.
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.
Animal Managemnt		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 : IMD observatory (CAGMO, A.C., Pune)

Place : COA, Pune
Date : 16.10.2020

Sd/-
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