



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 11.10.2024
District Jalgaon

Weather Parameters	Weather Forecast (11.10.2024 to 15.10.2024)				
	Date	12	13	14	15
Rainfall (mm)	45	20	12	10	9
Max. Temp. (0C)	32	33	34	34	32
Min. Temp. (0C)	23	23	24	23	23
Cloud Cover	6	8	8	6	7
Max. RH (%)	82	84	85	82	69
Min. RH (%)	57	56	53	55	53
Wind Speed(km/hr)	10	10	9	8	9
Wind direction (deg)	112	103	101	69	68

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 some (scattered) places on dt. 11th October, 2024 and at isolated places on dt. 12th, 13th, 14th & 15th October, 2024 in the district.</p> <p>Warning : According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department isolated places in the district may experience thunderstorm activity accompanied with gusty winds (30 to 40 km/hrs), lightening & rainfall on dt. 11th & 12th October, 2024.</p>
Extended Range Forecast (ERFS)		<p>As per ERFS products during 16th to 22nd October, 2024 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division</p> <ul style="list-style-type: none"> ➤ Rainfall may remain above normal. ➤ Maximum temperature may remain below normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • As there is possibility of rainfall in the district spraying of insecticide and pesticide should be done by considering the forecasted rain and preferably when there is no rain and use sticker while spraying. • Store the harvested produce at safe storage places. The harvested produce should be covered properly. • Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done. • 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.

		<ul style="list-style-type: none"> • Preparatory tillage operations should be done for rabi season crops for sowing.
Cotton	Picking stage	The picking of cotton from fully opened and matured bolls should be carried out. The cotton plant infested by Pink bollworm, for its control disseminate 1.5 lakh eggs per hectare of trichogramma. For chemical control of pink boll worm spray profenophos 50 EC 30 ml or spinosad 45 SC 3.5 ml per 10 lit. of water when there is no rain.
Soybean	Maturity to harvesting stage	Harvesting of matured crop should be done when the colour of the pods become yellowish red. If harvesting is delayed there is possibility of shattering of pods. The harvested produce should be kept in small heaps in the field itself to dry it in sunlight. After that carryout threshing operation. As there is possibility of rainfall at isolated places in the district the harvested produce should be kept at safe storage places.
Pigeon Pea	Flowering stage	Apply irrigation to crop when it is in flowering stage as per availability and requirement. For control of various types of insect pests install Pheromone traps @ 5 traps per hectare. Hoeing or weeding should be done as required so that the competition between the crop and weeds for soil moisture and soil nutrients can be avoided. Erect "T" shape bird perches 50 to 60 per hectare in the field. As a precautionary measure spray 5% neem ark when the crop is in the flowering.
Maize	Maturity to harvesting stage	Care should be taken that the maize crop which have been sprayed by insecticide should not be feed as fodder to cattles at least for 15 to 20 days after spraying. Harvesting of the matured crop should be done and keep the harvested produce in sunlight to dry. Store the harvested produce at safe storage places. As there is possibility of rainfall in the district the harvested produce should be covered properly.
Chick pea	Sowing	Field should be prepared for the sowing of crop. Sowing of irrigated chick pea should be done between 20 th October to 10 th November for getting good yield. Sowing should be done by giving seed treatment at proper depth and at optimum soil moisture condition.
Grapes	Pruning stage	October pruning should be carried out and the pruned branches and leaves should be destroyed properly. Apply paste of 0.4 % copper oxychloride + kav (red soil) 3 kg per 10 lit. of water to the cut portion.
Animal Management		For control and prevention of diseases all animals should be given medicine and vaccination in consultation with veterinary doctor. During rainy season do not give excess of green fodder to animals. To prevent nuisance from ectoparasites spray Deltamethrin (Ex. Butox) by taking advice from Veterinary doctor in goat shade and on the goats. Drinking water tanks should be cleaned regularly and should be applied lime.
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 : 11.10.2024

Sd/-
Principal Nodal Officer, GKMS, AMFU Pune &
Head, Department of Agril. Meteorology, COA, Pune.