



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 28.06.2024
District Jalgaon

Weather Parameters	Weather Forecast (28.06.2024 to 02.07.2024)				
	Date	29	30	1	2
Rainfall (mm)	16	9	10	14	10
Max. Temp. (0C)	36	35	38	37	36
Min. Temp. (0C)	26	25	25	24	24
Cloud Cover	8	8	8	8	8
Max. RH (%)	75	74	77	76	77
Min. RH (%)	72	70	69	71	71
Wind Speed(km/hr)	18	22	25	24	23
Wind direction (deg)	248	248	248	248	248

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. 28th June, 2024 and at isolated places on dt. 29th, 30th, June, 2024 and 01st & 02nd July, 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 (40 to 50 kmph), lightening and rainfall on dt. 28th June, 2024.</p>
Extended Range Forecast (ERFS)		<p>As per ERFS products during 03rd to 09th July, 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 normal. ➤ Maximum temperature may remain normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • As there is possibility of rainfall harvesting of matured crops should be done. Store the harvested produce at safe storage places. The harvested produce should be covered properly. • For protection from untimely rains the stored grains in field should be shifted at safe storage. • Spraying of insecticide and pesticide should be done by considering the forecasted rain and preferably when there is no rain. • 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.

		<ul style="list-style-type: none"> • Also, farmers should download and make use of use of Damini mobile app for lightning and thunderstorm warning and forecasting. • To save the quantity of nitrogenous fertilizer application the seed treatment of rhizobium for dicotyledonous seeds and azotobactor for monocotyledonous seeds as nitrogen fixing bacterial culture should be applied. The bio fertilizers application to the crop should be as complimentary to the use of chemical fertilizers as the quantity of these fertilizers can be minimized. While purchasing bio fertilizers for seed treatment precautions should be taken to see the expiry date on the packet and select the specific packet for the specific crop. • The rainfall received should be percolated and saved in the farm itself by various water harvesting and conservation techniques.
The kharif season	Sowing	The areas which received good rainfall suitable for sowing can do sowing of kharif crop at optimum soil moisture. If soil condition is favorable intercultural operation of hoeing or weeding should be carried out in the standing crop of 10 to 15 days old after sowing so that weeds may be controlled and retention of soil moisture.
Soybean	Sowing	Improved and hybrid seeds should be made available from Govt. machinery or Agril. University. Selection of varieties such as Phule Durva, Phule Kimaya, Phule Sangam, Phule, Agrani, Phule Kalyani etc. should be done for sowing. Sowing should be done only if good and sufficient rainfall is received.
Pigeon pea	Sowing	Improved and hybrid seeds should be made available from Govt. machinery or Agril. University. Selection of varieties such as Phule Rajeshwari, B.S.M.R.-853, B.S.M.R.-736, B.D.N.-711 etc. should be done for sowing. Sowing should be done only if good and sufficient rainfall is received.
Maize	Sowing	Improved and hybrid seeds should be made available from Govt. machinery or Agril. University. Selection of varieties such as Rajshree, Phule Maharshi, Sangam, Kuber etc. should be done for sowing. Sowing should be done only if good and sufficient rainfall is received.
Banana	Vegetative growth stage	The suckers at the base of banana trunk should be cut and destroyed at regular intervals also the dried and infected leaves should be cut and destroyed to keep the orchard clean. Cultivation of crop such as cucumber, gourd, watermelon, muskmelon, chilli, brinjal etc. should be avoided in banana plantation.
Animal Management		As there is possibility of rainfall cattle should be kept at safe places in cattle shed. 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 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 : 28.06.2024

Sd/-

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

