



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

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (22.06.2024 to 28.06.2024)							Weather Parameters	Weather Forecast (28.06.2024 to 02.07.2024)				
22	23	24	25	26	27	28	Date	29	30	1	2	3
0.8	0.0	0.5	0.2	0.5	0.6	1.0	Rainfall (mm)	25	20	24	35	24
30.5	32.0	34.0	34.0	33.5	31.0	30.2	Max. Temp. (0C)	30	31	31	30	30
23.3	23.7	23.6	24.3	24.4	24.5	23.2	Min. Temp. (0C)	21	22	22	21	21
							Cloud Cover	8	8	8	8	8
86	83	80	80	87	80	84	Max. RH (%)	86	83	83	83	83
56	68	57	66	68	74		Min. RH (%)	75	68	70	72	71
6.3	6.2	4.3	4.1	3.3	4.8	6.0	Wind Speed(km/hr)	21	22	25	28	30
							Wind direction (deg)	248	248	248	248	248

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 some (scattered) places during dt. 28 th June, 2024 to 02 nd July, 2024 in the district. Warning : According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department isolated places in the ghat region of the district may experience heavy to very heavy rainfall during dt. 28 th June, 2024 to 02 nd July, 2024.
Extended Range Forecast (ERFS)		As per ERFS products during 03 rd to 09 th July, 2024 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division ➤ 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 heavy rainfall at isolated places in the ghat region of the district make arrangement for draining out excess rainwater from fields. 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

		<p>and disease management should be done.</p> <ul style="list-style-type: none"> • 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. • 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.
Paddy	Nursery Management	As there is possibility of heavy rainfall at isolated places in the ghat region of the district make arrangement to drain out excess of stagnated rainwater from rice nursery. Due to heavy rainfall rice nursery seedlings and applied fertilizers may get carried away due to outflow so take precaution to avoid drifting out of paddy seedlings from nursery. When the saplings are 15 days old apply 500 gm nitrogenous fertilizer or 1 kg Ammonium sulphate per guntha area when there are no rains.
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.
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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 : 28.06.2024

Sd/-

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Head, Department of Agril. Meteorology, COA, Pune.**