



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, PUNE
Department of Agricultural Meteorology
College of Agriculture, Pune 411 005



Ph No. 020-25538009

E-mail: amfupune@gmail.com

Weather based Agromet Advisory committee meeting dated 28.06.2022
District Jalgaon

Weather Parameters	Weather Forecast (28.06.2022 to 02.07.2022)				
Date	29	30	1	2	3
Rainfall (mm)	35	15	20	15	19
Max. Temp. (0C)	36	36	35	34	34
Min. Temp. (0C)	25	26	25	24	25
Cloud Cover	7	6	8	8	8
Max. RH (%)	81	79	81	86	86
Min. RH (%)	65	65	61	65	63
Wind Speed(km/hr)	22	24	22	22	20
Wind direction (deg)	270	252	257	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 isolated places on dt. 28th, 29th & 30th June, 2022 and at some (scattered) places on dt. 01st & 02nd July, 2022 in the district.</p> <p>Warning : According to forecast given by India Meteorological Department isolated places in the district may experience thunderstorm accompanied with lightening, rain, gusty winds on dt. 28th June, 2022.</p>
Extended Range Forecast (ERFS)		<p>As per ERFS products during 03rd to 09th July, 2022 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 normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • 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. • Spraying of insecticide and pesticide should be done by considering the forecasted rain and preferably when there is no rain. • 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. • Preparatory tillage operations for kharif season should be completed and checkout the availability of improved and certified seeds along with other required farm inputs. The rainfall received should be percolated and saved in the farm itself by various water harvesting and conservation techniques.

		<ul style="list-style-type: none"> • Farmers should not hurry for sowing activity. Sowing of kharif crops can be done till 15th July. It is better to do sowing only after sufficient amount of rainfall has been occurred and received. • 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 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.
The kharif season	Preparatory operations	Farmers should start for selection of which crops to be cultivated, which variety to be selected, the field which is to be selected for sowing and likewise all management aspects should be considered. Improved and hybrid seeds should be made available from Govt. machinery or Agril. University. The preparatory tillage operations like one ploughing for coming kharif season should be carried out followed by 2 harrowing, mix Compost as per requirement and availability before last harrowing which will help in better mixing of compost in soil.
Precautions to be taken while purchasing of seeds :		The seeds should be purchased from authorized dealers who has registered and licence shop. The sealed bags with authentic label on which all the details of the seeds with minimum standardization should be purchased. The seeds purchased should be within date of expiry. The bill should have all the details such as crop, variety, complete lot no., weight, seed company name, name and address of customer, dealers name and sign etc. If the seeds from previous year are to be used for sowing then its germination percentage should be checked.
Rainfed Cotton	Preparatory preparation & sowing	Sowing should be done only after sufficient rainfall is received. Give the seed treatment of 25 gm azotobactor or azospirillum and 25 gm phosphate solubilizing bacteria and 5 gm trichoderma per kg of seed before sowing. Cultivate trap crops such as maize, cow pea around the field and one row after every ten rows of cotton for the predator bioagent.
Sugarcane	Growth Stage	Adults of White grub gather on Acacia, Neem, Ber trees in evening after the pre-monsoon showers. Firstly the female and then male adult comes out of the soil and gather over the trees. They feed on leaves of these trees. Collectively during night period shake the branches of these trees due to which adults may fall on ground. Collect these adults and destroy them in kerosene mixed water. Drip irrigation water management system should be adopted for sugarcane crop. Irrigate alternate rows and apply sugarcane trash as mulching.
Onion	Storage stage	The harvested onion dried in shade should be graded and stored in storage shed. The shed should be sprayed with fungicide from all the sides and floor.
Mango	Harvesting stage	The newly planted mango plants should be protected from wind by giving support of sticks. For control of fruit fly use methyl usenol coated 8-10 traps per acre. Harvest the matured fruits and store them at safe place for ripening.
Banana		As per requirement give support of bamboo sticks or polypropylene sticks to the plants and banana bunch which is big. 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.
Animal Management		For control and prevention of diseases all animals should be given medicine and vaccination in consultation with veterinary doctor. Vaccinate cattles for foot and mouth disease, black quarter and diphtheria diseases.
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 : 28.06.2022

Sd/-

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