



**AGROMET ADVISORY BULLETIN**  
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**Weather based Agromet Advisory committee meeting dated 03.02.2023**  
**District Jalgaon**

Weather Parameters	Weather Forecast (03.02.2023 to 07.02.2023)				
	4	5	6	7	8
Date					
Rainfall (mm)	0	0	0	0	0
Max. Temp. (0C)	30	30.8	32.1	32.7	33
Min. Temp. (0C)	12	11.8	13.8	13.8	14.3
Cloud Cover	1	0	0	0	1
Max. RH (%)	72	70	68	67	67
Min. RH (%)	48	47	46	45	45
Wind Speed(km/hr)	7.4	8.7	8.3	7.2	7.3
Wind direction (deg)	65	64	66	105	288

**Agromet Advisory Based on Weather Forecast Prediction**

Crop	Crop Stage	Advisory
<b>Weather Summary/ Alert</b>		According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department the weather may remain dry during dt. 03 <sup>rd</sup> February, 2023 to 07 <sup>th</sup> February, 2023 in the district.
<b>Extended Range Forecast (ERFS)</b>		As per ERFS products during 01 <sup>st</sup> to 07 <sup>th</sup> February, 2023 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division <ul style="list-style-type: none"> <li>➤ Rainfall may remain below normal.</li> <li>➤ Maximum temperature may remain below normal.</li> <li>➤ Minimum temperature may remain normal.</li> </ul>
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>• Harvesting of matured crops should be done preferably in the morning and the threshed produce should be kept at safe place.</li> <li>• 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.</li> <li>• Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast.</li> <li>• Also, farmers should download and make use of use of Damini mobile app for lightning and thunderstorm warning and forecasting.</li> </ul>
<b>Chickpea/ Bengal Gram</b>	Flowering to pod development stage	For irrigation of crop use sprinkler system to maximize the yield. Due to present weather as a precautionary measure for control of pod borer take a spray of 5% neem ark. Erect "T" shaped bird perches 50 per hectare in the field for control of pest. If the infestation is more chemical control by spraying of Azadirachtin 1500 PPM @ 50 ml per 10 liter should be carried out.
<b>Wheat</b>	Crown root initiation to	Irrigation scheduling for crop should be done at critical growth stages to get maximum yield. Apply second at 40 to 42 days after sowing and third at 60

	tillering stage	to 65 DAS also the interval between two irrigations should be maintained properly according to the local conditions and soil depth & type. Due to present weather for control of aphids spray diamethoate 30% concentration 10 ml or imidyaclorid 17.8 SL, 4 ml per 10 lit of water.
<b>Safflower</b>	grain filling to maturity stage	For control of aphids spray Metarhizium anasopli 50 gm. or diamethoate 30% concentration 10 ml per 10 lit of water. For control of leaf spot of safflower, spray the combined formulation fungicide Carbendazim 12 % + Mancozeb 63 % @ 20 g in 10 liter water immediately after disease appearance.
<b>Pigeon pea</b>	Pod development to maturity stage	For integrated pest management of pod borer, plume moth, pod fly spray HNPV bio insecticide @ 500 ml in 500 lit. of water for 1 ha. area and if necessary take spray of 18.5% concentrated chlorantriliniprole 150 ml or imamectine benzoate 200 gm per 500 lit. of water.
<b>Summer groundnut</b>	Sowing stage	Summer groundnut should be sown between 15 <sup>th</sup> January to 15 <sup>th</sup> February, 2023. Avoid sowing till temperature raise upto 15 to 18 degree Celsius. Prepare land for summer groundnut and apply FYM @ 5 ton/ha. Procure Groundnut seed of improved varieties like Phule Unnati, T.A.G-24, T.G-26, T.P.J-41, JL-501, S.B-11, Phule Bharti etc.
<b>Brinjal</b>	Vegetative growth stage	Due to present weather condition for control of shoot & fruit borer in brinjal spray 4% neem ark 50 ml per 10 lit. of water or cypermethrine 25%, 5 ml per 10 lit. of water. Damaged shoot and fruits should be removed and destroyed weekly.
<b>Knoll crops</b>	Vegetative growing stage	For control of aphids on cabbage and borer on cauliflower spray malathion 50 EC 20 ml per 10 lit. of water or apply 4 % neem extract.
<b>Banana</b>		Farmers are advised to cover the banana bunches with 6% perforated plastic bags for control of thrips. For control of aphids spray diamethoate 20 ml per 10 lit. of water. Cultivation of crop such as cucumber, gourd, watermelon, muskmelon, chilli, brinjal etc. should be avoided in banana plantation.
<b>Animal Management</b>		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.
<b>Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.</b>		

**Source:**

- 1) Weather Forecast : Regional Meteorological Centre (RMC, Mumbai)  
2) Last week weather summary : -

**Place : COA, Pune**

**Date : 03.02.2023**

**Sd/-**

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