



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 26.02.2021
District Jalgaon

Weather Parameters	Weather Forecast (26.02.2021 to 02.03.2021)				
Date	27	28	1	2	3
Rainfall (mm)	0	0	0	0	0
Max. Temp. (0C)	37	36	37	37	36
Min. Temp. (0C)	18	19	20	19	18
Cloud Cover	0	0	0	0	0
Max. RH (%)	28	33	30	26	13
Min. RH (%)	13	14	13	11	9
Wind Speed(km/hr)	9	7	8	9	9
Wind direction (deg)	303	311	304	57	77

Agromet Advisory Based on Weather Forecast Prediction

Crop	Crop Stage	Advisory
Weather Summary/ Alert		According to forecast given by India Meteorological Department the weather may remain dry during dt. 26 th February, 2021 to 02 nd March, 2021 in the district.
General Advisory		<ul style="list-style-type: none"> Harvesting of matured rabi crops should be done. Store the harvested & threshed produce at safe storage places. Due to dry weather apply irrigation to <i>rabi</i> crops, fruit orchards and vegetable crops as per local condition, soil type and there requirement. 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.
Chickpea/ Bengal Gram	Harvesting	Harvesting and threshing of crop should be done when the crop and pods are completely dried. Before storage dry the produce for 6 to 7 days in sunlight. Store the produce in dry and ventilated places. Mix 5 % neem leaves in the gunny bags.
Pigeon pea	Maturity to harvesting	Harvesting of crop should be done when the pods are dried. Threshing should be done on threshing yard. Do not take ratton crop as the incidence of sterile crop may increase. Before storage dry the produce for 5 to 6 days in sunlight. Store the produce in dry and ventilated places. Mix 5 % neem leaves in the gunny bags.
Maize	Corn development to maturity	For control of fall army worm take a spray of 5% neem ark or lamda psyhalothrin 9.5% ZC 5 ml per 10 lit. of water. Care should be taken that the maize crop which has been sprayed by insecticide should not be feed as

	stage	fodder to cattles at least for 15 to 20 days after spraying.
Wheat	Vegetative growth stage	For control of aphids spray diamethoate 30% concentration 10 ml or imidacloprid 17.8 SL, 4 ml per 10 lit of water. For control of Rust spray the crop with Mancozeb @ 1.5 kg mixed in 500 liters of water.
Onion	Vegetative growth stage	For control of blight disease spray diathane M-45, 25 grams per 10 liter of water. For control of thrips spray alternately dimethoate 30% concentrate 15 ml or Lambdacyhalothrin 5% concentrate 6 ml per 10 lit. of water
Tomato		Due to infestation of thrips and whiteflies on tomato crops it is likely to increase the incidence of spotted wilt virus and leaf curl. For this spray cyantraniliprole 10.26 % OD 18 ml and then dimethoate 30 % EC 20 ml per 10 liters of water. Spray the crop with mancozeb 75% W G 20 gm or copper oxychloride 25 gm per 10 liters of water for the control of blight disease. Spray the crop with indoxycarb 14.5 per cent SC 10 ml or quinalphos 25% EC 20 ml per 10 liters of water for the control of fruit borer.
Knoll crops	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.
Water melon/ musk melon	Vegetative growth stage	The infestation of leaf miner attack for its control spray profenophos 20 ml per 10 litre of water. For control of fruit fly erect 5 Qulure pheromone traps per acre.
Mango	Flowering	The inflorescence of mango may get jassids infestation. For its control spray imidacloprid 17.8 SL 3 ml per 10 lit of water. In keshar mango for flowering and yield increasing apply 1% potassium dihydrogen phosphate (100 gm per 10 lit. of water) at flowering stage and after one month spray 1 % potassium nitrate (100 gm per 10 lit. of water), also do grafting by keshar mango during February and March on local mango trees for conversion into improved variety.
Banana		As per requirement give support of bamboo sticks or polypropelene sticks to the plants and banana bunch which is big. For control of thrips the banana bunches should be covered with 6% perforated polythene bags. 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.
Animal Managemen nt		As the summer season is approaching the arrangement for green fodder to the cattles should be made by sowing fodder crops like sorghum, pearl millet, maize as per availability of water. Due to liver fluke disease animal's intake of feed is reduced. Swelling is observed on lower jaw. In severe condition animal may die. Hence it is most important to give wormicide medicine to animals by consulting veterinary doctor. Always give clean drinking water to animals. For goats to control liver fluke worm give fenbendazil wormicide by consulting veterinary doctor. For control and prevention of diseases all animals should be given medicine in consultation with veterinary doctor and always give clean drinking water to cattle. The cattles should be avoided by over feeding of sugarcane trash. Per day about 8 kg of green sugarcane trash along with green fodder and dried fodder should be given. The silage and 25 to 30 gm salt mixture is essential to be given to animals.
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 : 26.02.2021

Sd/-

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