



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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97) Weather based Agromet Advisory committee meeting dated 02.02.2024

District: Ahmednagar

Last Week Weather Summary (26.01.2024 to 01.02.2024)							Weather Parameters	Weather Forecast (03.02.2024 to 07.02.2024)				
26	27	28	29	30	31	01	Date	03	04	05	06	07
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
26.8	30.2	29	31.4	29.6	30	30.6	Max. Temp. (0C)	30	32	32	31	30
9.9	13.4	14.1	14.4	14.9	14.1	14.4	Min. Temp. (0C)	12	14	15	15	14
0	0	0	0	0	0	0	Cloud Cover	1	0	0	0	0
83	81	83	81	78	77	75	Max. RH (%)	60	56	55	63	61
30	34	32	32	34	30	31	Min. RH (%)	40	36	35	43	41
1.3	2.9	1.3	2.7	1.4	3	1.7	Wind Speed(km/hr)	11	9	10	10	12

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the Regional Meteorological Center, Mumbai, the next five days are likely to be dry.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction.
SMS Advisory		Vegetables: Spray the crop with 5% neem seed extract or neem seed oil @ 50 ml or Acephate 75 SP @ 15 g per 10 liters of water for the control of aphids, thrips and jassids.
Chickpea	Branching	Four pheromone traps per acre should be installed in the crop to attract the male moths of <i>Helicoverpa armigera</i> . Also, for natural control of this worm, 40 bird perches per acre should be installed in the field. Similarly, <i>Bacillus thuringiensis</i> @ 20 g or <i>Beauveria bassiana</i> @ 40 g powder should be mixed with 10 liters of water and sprayed.
Citrus		Spray fruit trees with Thiamethoxam 25 WG @ 4 g per 10 liters of water for the control of psylla and thrips.
Wheat	Vegetative Growth Stage	Due to decrease in temperature give second irrigation 40 to 42 days after sowing. Give nitrogen fertilizer dose 24 kg/acre to timely sown crop and for late sown crop 16 kg/acre.
Rabi Sorghum	Grain Filling	For preparation of Hurda, harvest Rabi Sorghum variety Phule Madhur cobs at milking stage, and sell for Hurda purpose. Sorghum usually flowering in 70 to 75 days. Apply irrigation in this stage helps in filling the grains in the head. As the weight of the grain increases, so does the yield. Those who have access to irrigation facilities should provide irrigation to the sorghum. Protect matured sorghum crop from Birds.
Maize	Vegetative growth	In case of re-emergence of Army worm on the crop, spray Imamectin benzoate 0.4 ml per liter of water. 4 pheromone traps per acre should be set to detect larval infestation.
Summer Groundnut	Pre-Sowing	Summer groundnut should be sown between 15 th January to 15 th February. For sowing, choose SB 11, TAG 24, Phule Unap, Phule Unnati, TG 26, JL 501 varieties.
Sugarcane Suru	Planting	Complete the Sugarcane planting up to 15 th February select the varieties Co.86032 (Nira) and Co.M.0265 (Phule 265). Planting of sugarcane with the 30 to 45 old nursery plants grown from single bud in nursery is very beneficial compared to planting method with sets as it saves irrigation,



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		weeding, fertilizer and supervision required during 30 to 45 days period. For planting of Sugarcane with sets select 9 to 10 month old healthy, genetically pure sugarcane sets.
Sugarcane Pre-Sessional		Sugarcane at 12 to 16 weeks of age should be given third dose of nitrogen. For this 34 kg N (75 kg urea) per hectare should be used. Also mix Neem powder in the ratio of 6: 1 in nitrogenous fertilizer.
Vegetables		Spray the crop with 5% neem seed extract or neem seed oil @ 50 ml or Acephate 75 SP @ 15 g per 10 liters of water for the control of aphids, thrips and jassids.
Brinjal		Spray the crop with Diafenthiuron 47.8 SC @ 10 ml per 10 liters of water for the control of whiteflies.

Source:

- 1) Weather Forecast : RMC, Mumbai
2) Last week weather summary : IMD Observatory, WMP, MPKV, Rahuri.

Place : MPKV, Rahuri

Date : 02.02.2024

Sd/-

**Nodal Officer, GKMS, AMFU Rahuri &
Head, Department of Agronomy, MPKV, Rahuri**