



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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104) Weather based Agromet Advisory committee meeting dated 26.02.2021

District: Ahmednagar

Last Week Weather Summary (19.02.2021 to 25.02.2021)							Weather Parameters	Weather Forecast (27.02.2021 to 03.03.2021)				
19	20	21	22	23	24	25	Date	27	28	01	02	03
7.2	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
30	25.4	26.8	29.2	30	31.6	31.4	Max. Temp. (0C)	33	33	34	33	33
16.1	12.9	14.9	15.5	15.3	14.7	15.9	Min. Temp. (0C)	18	18	19	20	19
1	0	0	0	0	0	0	Cloud Cover	1	0	0	0	0
82	91	83	86	86	83	84	Max. RH (%)	31	35	30	24	18
46	37	39	31	25	34	28	Min. RH (%)	16	12	12	13	11
0.9	2	3.4	2.9	1.1	0.4	0.8	Wind Speed(km/hr)	9	11	14	14	11

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		The weather will remain dry for the next five days.
General Advisory		Use Meghdoot mobile app for weather based crop advisory and prediction. In case of manual field operations, accomplish the operation in 4-5 feet spaced strips assigning one strip to one person. This will ensure adequate social distance to engaged labours. Agricultural machinery should be sanitized frequently. Farmer should use face mask. Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.
SMS Advisory		Spray the crop with Dimethoate 15 ml + Carbendazim 10 g + Sticker 10 ml per 10 liters of water for the control of thrips and blight.
Groundnut	Seeding	Hand hoeing should be done to control the weeds, reduce the evaporation losses and free air circulation.
Chickpea	Harvesting	Chickpea matures within 110 to 120 days after sowing. Harvesting of chickpea should be done at 14 to 16% moisture content in the grain to avoid harvesting losses.
Chickpea	Pod Development	Uproot and destroy the diseased and dried plants. If the 3 rd instar pod borer larvae observed in Chickpea, then spray with chlorantraniliprole 18.50% SC @ 2ml in 10 liter of water (200 liter water per acre).
Maize	Dough	Spray the crop with 15 ml dimethoate 30 EC in 10 liters of water for the control of stem borer, 8-10 days after germination.
Sugarcane		<u>Sugarcane Ratoon Management:</u> If the sugarcane stalks remain large length, they should be cut with a sharp sickle near the ground. This allows the shoots to germinate under the soil and increase the total number of shoots. Immediately after cutting spray 0.1% Bavistin (1 g Bavistin in 1 liter of water). This prevents soil borne fungal diseases. <u>Management of harvested Sugarcane trash:</u> For decomposing of harvested sugarcane trash apply 80 kg Urea and 100 kg Single Super Phosphate and then apply 10 kg decomposing culture per ha for decomposing of sugarcane trash by mixing it in cow dung slurry.
Cowpea fodder		As soon as the incidence of aphids observed spray NSE 5%. If population of aphid is high, then spray the crop with 10 ml dimethoate 30 EC in 10 liters of water and



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		avoid feeding of fodder to cattle upto 7 days after spraying of insecticide.
Rabi Sorghum	Harvesting	Mature crops should be harvested and harvested crops should be threshed and stored in a safe place.
Onion		Spray the crop with Dimethoate 15 ml Or lambda cyhalothrin 6 ml + Carbendazim 10 g or Tebuconazole 10 ml + Sticker 10 ml per 10 liters of water for the control of thrips and blight.
Wheat	Dough	Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphid and jassid noticed at ETL.
Chilli		Spray the crop with fipronil 15 ml or fenpyroximate 5 EC Or phenacatin 10 EC. 20 ml + mancozeb 25 g or copper oxychloride 25 g or tebuconazole 10 ml in 10 liters of water for the control of thrips and leaf spot. These sprays should be alternated at intervals of ten days.

Source:

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

Place : MPKV, Rahuri

Date : 26.02.2021

Sd/-
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AMFU Rahuri & Head,
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