



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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105) Weather based Agromet Advisory committee meeting dated 28.02.2020

District: Dhule

Last Week Weather Summary (21.02.2020 to 27.02.2020)							Weather Parameters	Weather Forecast (29.02.2020 to 04.03.2020)				
21	22	23	24	25	26	27	Date	29	01	02	03	04
							Rainfall (mm)	0	0	0	0	0
							Max. Temp. (0C)	33	32	32	31	31
							Min. Temp. (0C)	19	19	19	19	17
							Cloud Cover	Clear	Clear	Clear	Clear	Clear
							Max. RH (%)	30	33	34	38	43
							Min. RH (%)	13	14	18	19	17
							Wind Speed(km/hr)	6	6	11	14	14

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather will remain dry for next five days. However, there will be an increase in temperature.
General Advisory		Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.
SMS Advisory		Sunflower crop becomes ready to harvest in 110 days. Harvesting should be done when leaves, stem and back of flower become yellow. Threshing must be done after drying.
Chickpea	-	Spray the crop with 2.5-3ml Chlorantraniliprole 18.5 SC in 10 liters of water for the control of pod borer.
Onion	Growth	Due to increasing temperature the onion crop may be infested with thrips and other sucking pests. To control the thrips spray the crop with Lambda cyhalothrin 5 SC @ 6-10 ml per 10 liter of water at an interval of 10-15 days with a knapsack sprayer. For the management of Blight, spray the crop with the mixture of above insecticide with Mancozeb or Chlorothalonil 25 gm or Tebuconazole 10 ml.
Maize	Germination	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.
Nursery	-	Apply 26 kg Carbofuran 3 G per acre in soil followed by light irrigation for management of root-knot nematodes.
Watermelon & Musk melon	Sowing	These crops can be affected by Downy mildew, Powdery mildew, Leaf spotting, Wilt, Mosaic and Bud necrosis. Infestation of Thrips, Aphid and White fly may occur in watermelon and musk melon. Spray Thiometoxam 4 gm + Mancozeb 25 gm per 10 liters of water using knapsack spray pump when watermelon is at 2-3 leaf stage. For the control of Leaf miner, spray the crop with 4% NSKE per 10 liters of water using knapsack spray pumps. Apply these sprays before flowering. After flowering stage, do not use the sprays of Acetamiprid, Imidachloprid and Thiometoxam, etc.
Sunflower	Harvesting	Crop becomes ready to harvest in 110 days. Harvesting should be done when leaves, stem and back of flower become yellow. Threshing must be done after drying.
Cowpea fodder	Growth	As soon as the incidence of aphids is observed spray NSKE 5 %. If population of aphid is high, then spray the crop with 10 ml Dimethoate 30 EC in 10 liters



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		of water and avoid feeding of fodder to cattle upto 7 days after spraying of insecticide.
Tomato	Sowing	For the control of thrips and white fly, apply 10 kg Phorate per ha 10 days after transplanting. Irrigation should be done after that. If needed, spray Fipronil 5 EC 15 ml + Mancozeb 25 gm or Carbendazim 10 gm per 10 liters of water using knapsack spray pump. For the control of Fruit borer, spray the crop with Deltamethrin 1% + Triazophos 35% 20 ml or Cyphermethrin 10 EC 10 ml per 10 liters of water using knapsack spray pump. Also spray 4% NSKE at an intermittent interval.
Lucern	-	Spray the crop with 50 g <i>Verticillium lecanii</i> (2 x 10 ⁸ cfu/g) per 10 liters of water for the management of aphids at evening hours.
Mango	-	Spray 5 ml Lambda cyhalothrin 5% EC or 10 ml Profenophos 50 EC per 10 liters of water for the control hoppers.
Sapota	-	Spray the crop with 10 ml profenophos 50 EC or lambda cyhalothrin 5 EC or deltamethrin 2.8 EC per 10 liters of water for the control of Chiku moth (<i>Nephopteryx eugraphella</i>).

Source:

1) Weather Forecast

: Research Section, Mumbai

Place : MPKV, Rahuri

Date : 28.02.2020

Sd/-

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