



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

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90) Weather based Agromet Advisory committee meeting dated 07.01.2022

District: Nasik

Last Week Weather Summary (31.12.2021 to 06.01.2022)							Weather Parameters	Weather Forecast (08.01.2022 to 12.01.2022)				
31	01	02	03	04	05	06	Date	08	09	10	11	12
0	0	0	0	0	0	0	Rainfall (mm)	4	8	0	0	0
23.4	28	28.5	28.5	28.6	28.5	28	Max. Temp. (0C)	28	27	27	28	28
15.6	15.5	15	15.6	14.5	13.5	14.6	Min. Temp. (0C)	16	14	13	12	13
3	3	5	6	2	0	0	Cloud Cover	4	1	1	0	1
84	83	82	73	81	82	89	Max. RH (%)	84	85	80	75	73
87	49	50	34	41	44	45	Min. RH (%)	55	50	48	45	42
10.4	5.7	4.7	2.5	3.2	2.2	2.6	Wind Speed(km/hr)	6	5	6	6	6

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, cloudy conditions may remain during next two days. Light rain accompanied with thunderstorms is expected at isolated places during 8 & 9 th January.
General Advisory		Harvested produce should be stored in a safe place. While spraying, use sticker during rainy conditions. Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. Use "Meghdoot" mobile app for weather based crop advisory. In case of manual field operations of harvesting/ picking, 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.
SMS Advisory		Light rain accompanied with thunderstorms is expected at isolated places during 8 & 9 th January.
Chick pea	Flowering to pod filling	1. For control of Gram pod borer install bird purchase into chick pea crop and install 5 pheromones traps per hector. 2. For control of Gram pod borer spray the crop with insecticide Heliokill at the rate of 500 ml per hector through 500 litres of water. 3. For control of Gram pod borer spray the crop with insecticide chlorantraniliprole 18.5 % @ 100 ml in 500 litres of water per hectare of crop.
Wheat	Flowering	1. Give irrigation to crop 60 to 65 days after sowing at flowering stage of wheat crop. 2. Give spray of water soluble fertilizer 19:19:19 at the time of 55 to 70 days after sowing at the rate 200 g per 10 litres of water gives spray for two times. 3. For control of Aphid infestation on wheat spray the crop with Thiamethoxam 25% WG at the rate of 50 g per hector through mixing in 500 litres of water.
Onion	Growth	For control of thrips spray the crop with Lambda Cyhalothrin 5% EC at the rate of 6 ml through 10 litres of water. Use sticker while spraying of insecticide
Brinjal		Flowering to fruit development There is possibility of incidence of Aphids, Jassids and White Fly on Brinjal



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		Plant thus to control spray the crop alternately with Phosphamidon 40% S.S. at the rate 15 ml or Fenprothrin 30% EC @ 5 ml by mixing in 10 liters of water.
Garden pea		Flowering to pod development 1. If there is infestation of pod borer remove the infected pots and destroyed them and sprayed the crop with 5% Neem seed kernel extract.
Animals		1. There is possibility of decrease in minimum temperature thus it is necessary to keep the sitting place of cattles warm specially the cattle shed of calfs, lambs need to place 500 watt power bulbs and close the sides of cattle shed with gunny bags for increase in temperature. 2. Carry out vaccination to cattles with advice from veterinary expert for prevention of pleuro pneumonia disease especially observed in goats.

Source:

- 1) Weather Forecast : RMC, Mumbai
2) Last week weather summary :

Place : MPKV, Rahuri
Date : 07.01.2022

Sd/-
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Head, Department of Agronomy,
MPKV, Rahuri.