



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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93) Weather based Agromet Advisory committee meeting dated 17.01.2020

District: Nandurbar

Last Week Weather Summary (10.01.2020 to 16.01.2020)							Weather Parameters	Weather Forecast (18.01.2020 to 22.01.2020)				
10	11	12	13	14	15	16	Date	18	19	20	21	22
							Rainfall (mm)	0	0	0	0	0
							Max. Temp. (0C)	24	26	28	29	28
							Min. Temp. (0C)	12	15	16	15	14
							Cloud Cover	Clear	Clear	Clear	Partly Cloudy	Cloudy
							Max. RH (%)	49	44	51	50	41
							Min. RH (%)	25	21	24	25	19
							Wind Speed(km/hr)	5	7	9	3	7

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather will remain Cloudy for 21th and 22th January 2020.
General Advisory		Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.
SMS Advisory		Spray with Dimethoate 30% EC 10 ml per 10 liter of water for the control of Aphids on safflower crop.
Sugarcane	Plantation	1) Prepare the land for plantation of suru Sugarcane. Recommended varieties- CO-86032 (<i>Nira</i>), CO-94012 (<i>Savitri</i>), CO M-0265 (<i>Phule-265</i>). 2) Seed treatment- Dip the setts in the mixture of 100 g Bavistin + 300 ml Malathion + 100 lit. water for 10 minutes. After that, dip the sets in the mixture of 10 kg Acetobacter + 100 lit. water for 30 minutes. 3) Apply 25 kg N (54 kg Urea), 60 kg P (375 kg single super phosphate) and 60 kg K (100 kg Muret of potash) at the time of planting.
Chick pea	Rainfed – Pod formation stage Irrigated – Vegetative stage	1) Due to continuous cloudy condition chickpea is infested by pod borer. To control the pod borer spray the crop with 2 g Emamectin benzoate 5 SG in 10 liters of water for the control of pod borer. 2) Harvest the rainfed chickpea at proper physiological maturity to avoid pod shattering. 3) Install pheromone traps @ 5 per hectare for the monitoring of gram pod borer. 4) Spray NSKE 5 % or Azadirachtin (300ppm) 50 ml / 10 liter of water if the incidence of gram pod borer is noticed. 5) If the late instars of pod borer are observed in the rainfed gram then spray with chlorantraniliprole 18.5 SC @ 2.5 ml in 10 liter of water (200 liter water per acre). 6) Due to cloudy weather the incidence of aphid was recorded in some areas. Apply spray NSKE 5% or Azadirachtin (300 ppm) 50 ml / 10 liter of water to control aphids.
Pigeon pea	Grain filling stage	1) Incidence of pod fly, gram pod borer and tur plum moth may noticed in the field. 2) To control these pests spray the following insecticides. Emamectin benzoate 5% G @ 4 g or Flubendamide 20 WG @ 5 g or chlorantraniliprole 18.5 SC @ 3 ml in 10 liters of water (200 liter water per acre). Spray any one chemical at a time and the second spray should be carried out after 15 days interval, if needed. 3) Uproot and destroy the plants infested by virus (SMV) and wilt.
Safflower		Spray the crop with 10 ml Dimethoate 30 EC in 10 liters of water for the control of aphids.



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Wheat		Spray the crop with 1 g Thiamethoxam 25WG in 10 liters of water as soon as incidence of aphids and jassids is at ETL level.
Groundnut	Pre-Sowing	Sowing of summer groundnut should be done between 15 th Jan to 15 th Feb. Spacing should be 30x10 cm. Use 100-120 kg seed/ha. To facilitate sowing of groundnut between 15 th January – 15 th February, pre sowing irrigation should be given. Recommended varieties are Phule Unnati, TAG24, TG26, TPG41, JL501.
Sorghum		Dust the crop with 1.5 % Quinalphos dust or 5% Malathion dust @ 20 kg/acre preferably in the morning when the wind is calm for the control of army worms.
Onion	Growth	For the control of Thrips spray Dimethoate 30% EC 15 ml or Lambda Cyhalothrin 5% EC 6 ml with 10 liters of water. For management of blight, spray Dithane M 45 90.3%) 25 g or Tebuconazole (0.1%) 10 ml with 10 liter of water.
Pomegrante		Spray the crop with 10 ml Dimethoate 30 EC in 10 liters of water for the control of aphids.

Source:

1) Weather Forecast

: Research Section, Mumbai

Place : MPKV, Rahuri

Date : 17.01.2020

Sd/-

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