



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Central Institute for Cotton Research,
Nagpur



Agromet Advisory Bulletin

Date : 18-12-2020

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2020-12-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-12-19	2020-12-20	2020-12-21	2020-12-22	2020-12-23
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.5	27.0	26.8	27.0	27.1
Tmin(°C)	13.5	13.8	13.5	13.9	13.8
RH-I(%)	70	65	64	65	66
RH-II(%)	65	60	60	58	57
Wind Speed(kmph)	2.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	30	56	36	60	79
Cloud Cover(Octa)	4	4	4	4	2

Weather Summary/Alert:

In Nagpur district, as per forecast given by, RMC, Nagpur, sky will be partially to partly cloudy and weather will be dry during next five days is forecasted

General Advisory:

Due to cold conditions, there is chances of infestation of yellow vein mosaic in vegetables, farmers are advised to go for spraying of systemic fungicides. Monitoring is advised for infestation of fruit and shoot borers in brinjal, chilli, gram. Installation of pheromone traps @ 3-4 traps per acre is advised

SMS Advisory:

For the monitoring and management of pod borer in chickpea crop, erect bird perches in the field at several location. Also install pheromones traps.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SORGHUM (JOWAR/GREAT MILLET)	In Rabi sorghum crop if infestation of stem borer exceeds over 10 %, undertake application of Carbofuron 3 % G @ 8.3 kg Or Quinolpos 5 % G @ 1.5 kg in leaf whorls by considering rainfall forecasting.
WHEAT	Wheat:For narrow leaf weed management, sprayingshould be carry out at 25 to 30 days after sowingof 2-4-D (Sodium Salt) herbicide per kg / ha should be mixed in 500 liters of water.

Crop(Varieties)	Crop Specific Advisory
WHEAT	Wheat: For management of broad leaf weedin wheat crop, sprayingshould be carry out at 25 to 30 days after sowing, Algrip (Metasulfuron Methyl) with 4 g of active ingredient per hectare or 20 g of the herbicidein 500 liters of water.
BENGAL GRAM/ CHICK PEA	If there is wilt affected plants observed in chickpea field, then farmers should postpone their irrigation scheduling. Because as there is occurrence of Dew at many places over the district, which is congenial for development of bacterial wilt in chickpea
COTTON	Picking of cotton should be done preferably in morning hours. Cotton should be dried in shed. Store cotton at dry places.Cotton picked from initial 3 pickings(Rainfed) and middle 4 pickings (Irrigated) having good quality. Therefore, if possible store it separately.
COTTON	Cotton:Application of insecticides can be taken up only when minimum 8 -10 green bolls per plant and new flush seen on the plant. If more than 60 % bolls are infested and no new flush seen on the plant, farmers advised to terminate the crop and go for Rabi crop.
COTTON	Cotton: Erect 2 Pheromone traps per hectarefor monitoring of Pink bollworminfestation. Rosette flowers should be plucked and destroyed. If the infestation of pink bollworm crosses ETL, take up spray of Thiodicarb 75 %WG 20 gm or spray Lambda Cyhalothrin 5 EC @ 10ml or Thiodicarb 75 % WP @ 20 g or Cypermethrin 10 EC @ 10 ml or Profenophos 30 ml or Emamectin benzoate 5 SG @ 5g per 10 litre of water.
COTTON	Cotton:To avoid the rotting of matured bolls from outer side, it is advised to undertake spray of Propiconazole 25% EC@ 1 ml or Propineb 70 WP @ 2.5-3 gm per liter of water. For internal rotting of bolls, spray Copper Oxychloride 50 WP 25 gm + Streptomycin 2 g per 10 litre of water.
COTTON	Cotton:Due to cloudy weather, for the management of Myrothecium leaf spot/grey mildew/Corynespora leaf spot/leaf spot/anthracnose/external boll rot, it is advised to undertake foliar spray Carbendazim 50 WP @ 20 g or Kresoxim-methyl 44.3 SC @10 ml or Pyraclostrobin 5% + Metiram 55% WG or Propiconazole 25 EC @10 ml or Propineb 70 WP@25-30 g or Azoxystrobin 18.2% w/w+Difenoconazole11.4% w/w SC@ 10 ml or Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC@ 6 g in 10 litres of water is recommended.
PIGEON PEA (RED GRAM/ARHAR)	Due to low temperature during night followed by morning dew the pod borer incidence was noticed in the redgram crop.For the management farmers should go for spraying of Indoxacarb 14.5 SC @ 0.5 ml/litre or Spinosad 45 SC @ 0.15 ml/litre after receipt of predicted rainfall

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Continuous cloudy and humid climatic conditions conducive for outbreak of fruit borer in chilli crop. Hence farmers are advised to undertake spray of Flubendamide39.35 SC @ 6 g per 10 L of water
BRINJAL	Cloudy weather and high relative humidity favours incidence of sucking pests. Among them white flies on brinjal crop suckthe juice from leaves and secretes the liquid which helps fungal growth.Hence forthe control of white fly take a spray of Diafenthion50 % WP@ 12 gm or Fenpropathrin30 % @ 3.5 ml per 10 liter of water.
ORANGE	For citrus leaf miner management particularly in nursery pluck and destroy the affected leaves and spray Thiamethoxam @ 0.3 g or Imidacloprid @ 0.5 ml or Quinalphos @ 2 ml or Dimethoate @ 2 ml/lit water. Second spray with any of the above insecticides should be given for better result after 15 days.

Horticulture(Varieties)	Horticulture Specific Advisory
SWEET ORANGE	Sweet orange: For sweet orange leaf miner management particularly in nursery pluck and destroy the affected leaves and spray Thiamethoxam @ 0.3 g or Imidacloprid @ 0.5 ml or Quinalphos @ 2 ml or Dimethoate @ 2 ml/lit water. Second spray with any of the above insecticides should be given for better result after 15 days.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Continuous decrease in temperature may adversely affect the milk production of milch animals. Farmers are advised to give protein enriched diets to the animals.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.