



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



Agromet Advisory Bulletin

Date : 04-12-2020

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2020-12-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-12-05	2020-12-06	2020-12-07	2020-12-08	2020-12-09
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.2	31.5	31.8	32.3	32.8
Tmin(°C)	12.0	12.0	13.0	14.0	14.0
RH-I(%)	75	75	75	75	75
RH-II(%)	55	50	50	52	52
Wind Speed(kmph)	2.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	105	72	27	30	30
Cloud Cover(Octa)	1	1	2	2	3

Weather Summary/Alert:

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

General Advisory:

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. Also, due to the possibility of a drop in temperature, care should be taken in the case of crops and animals.

SMS Advisory:

Late sowing of irrigated wheat sowing should be done before 15th December.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GARLIC	Garlic: First top dressing of nitrogen @ 25 kg/ha may be applied at 30 days after planting. Second top dressing of nitrogen @ 25 kg/ha may be applied at 45 days after planting. Hand weeding should be done at 40-60 days after transplanting. Foliar application of micronutrient mixture (5 g/L) is recommended at 30, 45 and 60 days after planting.

Crop(Varieties)	Crop Specific Advisory
WHEAT	Wheat: For narrow leaf weed management, spraying should be carry out at 25 to 30 days after sowing of 2-4-D (Sodium Salt) herbicide per kg / ha should be mixed in 500 liters of water.
WHEAT	Wheat: For management of broad leaf weed in wheat crop, spraying should 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 herbicide in 500 liters of water.
WHEAT	Wheat: By considering the soil moisture status and rainfall forecast, Wheat crop should be irrigated at 18-20 days after sowing when the crop at crown root initiation stage and the second irrigation should be given 30-35 days after sowing at maximum tillers stage.
WHEAT	Wheat: Considering the availability of limited irrigation for wheat crop, irrigate 42 days after sowing if single irrigation is available, irrigate at 21 and 65 days after sowing if two irrigation is available, and if three irrigation available irrigate at 21, 42 and 65 days after sowing.
WHEAT	Wheat: For late sowing of irrigated wheat 150 kg seed per hectare should be used for sowing. For coarse seed varieties like HD 2189 or Purna of wheat crop, 125 kg seed per hectare should be used and sowing should be done before 15th December.
WHEAT	Wheat: Apply 80 kg N, 40 kg P and 40 kg K per hectare for late sowing wheat. For both irrigated and late sowing, apply half dose of nitrogen as well as full phosphorus and potash at the time of sowing and the remaining half dose at the time of first irrigation (18 to 20 days after sowing).
BENGAL GRAM/ CHICK PEA	Chickpea: Carry out need based intercultural in earlier sown chickpea crop and keep the field weed free.
GARLIC	Garlic: Application of Oxyflurofen @ 23.5% EC (1.5 -2.0 ml/L)/ Pendimethalin @ 30% EC (3.5-4ml/L) before transplanting or at the time of transplanting followed by one hand weeding at 40-60 days after transplanting is recommended for efficient weed control.
COTTON	Cotton: The first three picked cotton of dryland cotton and the first four picked cotton of irrigated cotton are of good quality. This cotton should be stored separately if possible.
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 hectare for monitoring of Pink bollworm infestation. 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+Difenoconazole 11.4% w/w SC@ 10 ml or Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC@ 6 g in 10 litres of water is recommended.

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Arhar: Due to cloudy weather, if the Infestation of pod borer larva (<i>Helicoverpa armigera</i>) on Arhar crop on inflorescences and flower and crosses ETL (10 to 20 larvae per 10 plants) spraying should be done of Emamectin benzoate 5 SG 3 gm or Chlorantraniliprole 18.5% SC mix with in 2.5 ml per 10 liters of water and spray.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	Onion: First top dressing of nitrogen @ 35 kg/ha may be applied at 30 days after transplanting. Hand weeding should be done at 40-60 days after transplanting. Second top dressing of nitrogen @ 35 kg/ha may be applied at 45 days after transplanting. Foliar application of micronutrient mixture (5 g/L) is recommended at 30, 45 and 60 days after transplanting.
ONION	Onion: Application of Oxyfluorfen @ 23.5% EC (1.5 -2.0 ml/L)/ Pendimethalin @ 30% EC (3.5-4ml/L) before transplanting or at the time of transplanting followed by one hand weeding at 40-60 days after transplanting is recommended for efficient weed control.
CHILLI	In chilli crop undertake spray of Diafenconazole 25 EC @ 5 ml or Azoxystrobin 23 % SC @ 10 ml in 10 litres of water for control of dieback and fruit rot disease.
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.
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.
ORANGE	Drip irrigation on Mrig bahar bearing trees of orange should be continued. Apply by drip irrigation 41 litres water/day/tree to 6 years tree, 65 litres water/day/tree to 8 years tree, and 82 litres water/day/tree to 10 years and above trees. Continue drip irrigation for Mrig bahar crop.
SWEET ORANGE	Drip irrigation on Mrig bahar bearing trees of sweet orange should be continued. Apply by drip irrigation 41 litres water/day/tree to 6 years tree, 65 litres water/day/tree to 8 years tree, and 82 litres water/day/tree to 10 years and above trees. Continue drip irrigation for Mrig bahar crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Goat: Adult goats should be given 4 to 5 kg of green fodder and 200 to 250 gms per day.

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.

