



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
Central Institute for Cotton Research,
Nagpur



Agromet Advisory Bulletin

Date : 01-01-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-01-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-01-02	2021-01-03	2021-01-04	2021-01-05	2021-01-06
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.5	29.0	29.2	29.4	29.8
Tmin(°C)	13.7	14.0	14.2	14.4	14.5
RH-I(%)	79	76	80	80	82
RH-II(%)	48	47	50	48	50
Wind Speed(kmph)	2.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	90	90	90	154	71
Cloud cover(octa)	3	3	3	1	1

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 and maximum temperature will be 28.5 to 29.8 & minimum temperature will be 13.7 to 14.5 degree Celsius is forecasted.

General Advisory:

The water requirement for orange and sweet orange in this month is 7-30, 44-72, and 82-102 litres per day for tree of age 1-4, 5-7, 8 years old and above, respectively should be met with drip system. Use double ring method if there is no drip system.

SMS Advisory:

Picking of cotton should be done preferably in morning hours. Cotton should be dried in shed. Store cotton at dry places.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	In the view of present cloudy weather, In pigeon pea, if incidence of pod borer 3 per plant, pod fly 1-3 larvae or 5 to 10 per cent of damage, 20 bird stops should be set up per hectare. 15 days after first spraying, second spraying should be done on Chlorantraniliprole 18.5 SC 3 ml or Indoxacarb 15.8% EC 6.6 ml or lambda-cyhalothrin 5% EC 10 ml or Flubendiamide 20% WG 5 gm or Emamectin benzoate 5% SG 4.4 gm or Chlorantraniliprole 9.30 per cent. + Lambda-Cyhalothrin 4.60% ZC mixed in 4 ml per 10 liters of water.
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 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.
BENGAL GRAM/ CHICK PEA	Due to cloudy weather condition, there is a chance of increase in incidence of pod borer in chickpea. It is advised to spray 5% Neem ark and erect T-shaped bird perches at several places in the field. Monitor the chickpea field regularly. If wilt affected plants observed, uproot it and destroy it immediately.
BENGAL GRAM/ CHICK PEA	In case of gram pod borer crosses ETL, spray Quinalphos 25% EC in 20 ml or Emamectin benzoate 5% SG 4.4 gm per 10 liters of water.
GROUNDNUT	In the view of present cloudy weather, if the occurrence of rust and tikka (leaf spot), spraying should be done of Tebuconazole 25% WG 500-750 gm per hectare mix with 500 litre) of water. (10 to 15 gram/10 litre of water).
OKRA/ LADIES' FINGER	In the view of present cloudy weather, if the incidence of sucking insects observed on Okra crop, spraying should be taken of Thimethoxam 25% WG 2 gm or Imidacloprid 2 ml per 10 liters of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ORANGE	The water requirement in this month is 7-30, 44-72, and 82-102 litres per day for tree of age 1-4, 5-7, 8 years old and above, respectively should be met with drip system. Use double ring method if there is no drip system.

Horticulture(Varieties)	Horticulture Specific Advisory
SWEET ORANGE	Mulching should be done in tree basin if not done earlier. For mulching grass, wheat husk near the tree trunk can be utilized start irrigation to the orchard for initiation of Ambia bahar as per the type of soil & stress received by the trees.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	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.