



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



Agromet Advisory Bulletin

Date : 28-02-2022

Weather Forecast of District NAGPUR(Maharashtra) Issued On : 2022-02-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-01	2022-03-02	2022-03-03	2022-03-04	2022-03-05
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.7	34.0	34.4	34.6	34.7
Tmin(°C)	18.2	18.3	18.5	18.6	18.1
RH-I(%)	65	63	61	62	64
RH-II(%)	36	34	31	35	32
Wind Speed(kmph)	8.0	8.0	7.0	7.0	8.0
Wind Direction(Degree)	207	34	90	198	201
Cloud Cover(Octa)	2	2	2	3	3

Weather Summary/Alert:

In Nagpur district, as per the district level value added forecast given by, IMD, RMC, Nagpur, sky will be clear to partly cloudy and weather is very likely to be dry during next five days i.e. 01st, March, 2022 to 05th, March, 2022. The maximum and minimum temperature will be 33.7 to 34.7 and 18.1 to 18.6 degree Celsius respectively and wind speed will be 7.0 to 8.0 kilometre per hour during next five days.

General Advisory:

Considering the increasing temperature, soil moisture and crop need irrigate the fruit orchards and vegetables. It is advised to continue the intercultural operation, spraying of agrochemicals for pest and disease management by considering the soil moisture and crop need in rabi season crop, fruit orchards and vegetables by judging local clear weather condition. Continue the harvesting & threshing of matured Chickpea, Wheat, Mustard, Linseed etc. and store the harvested produce in safer places.

SMS Advisory:

Continue the harvesting & threshing of matured Chickpea, Wheat, Mustard, Linseed etc. and store the harvested produce in safer places.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	Summer sesame crop should be thinned first 15 to 20 days after sowing and second after 8 days at a distance of 10 to 15 cm between the two seedlings. Since early growth of sesame crop is slow, crop field should be kept weed free till one month of crop age. Keep the field clean by making 2 to 3 hoeing / hand weeding as per the requirement of the crop. Sesame crop should be irrigated at intervals of 12 to 15 days as per soil moisture condition.
BENGAL GRAM/ CHICK PEA	Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places.

Crop(Varieties)	Crop Specific Advisory
WHEAT	Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places. Considering the soil moisture status and crop needs, wheat crop should be irrigated at flowering stage (65 to 70 days after sowing) and milking stage (80 to 85 days after sowing).
MUSTARD	Carry out harvesting, threshing and safe storage of matured mustard crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LINSEED	Continue the harvesting & threshing of matured Linseed and store the harvested produce in safer places.
MANGO	If the infestation of jassids on mango is crossing economic threshold level, Buprofezin 25 % EC 10 ml or deltamethrin 2.8 % EC 5 ml or imidacloprid 17.8 SL % 4 ml or Lambda cyhalothrin 5 % EC 5 ml or Dimethoate 30 % EC 16.5 ml per 10 liters of water. For management of powdery mildew of mango, spraying should be done of Hexaconazole 5 % EC 10 ml or Penconazole 10 % EC 5 ml or Sulfur 80 % WDG 30 gm or Dinocap 48 % EC 5 ml per 10 liters of water. For management of fruit drop in mango spraying should be taken of 20 parts per million (PPM) Naphthalic Acetic Acid (NAA) mix with in water and apply on the inflorescence.
ORANGE	Considering the rise in temperature drip irrigation should be given @ 12-53, 78-127, and 145-180 liters per day for trees 1-4, 5-7, 8 years old and above respectively. Follow double ring method of irrigation and irrigate orchard 7 to 10 days. Use mulching in basins. Spray 2, 4D 1.5gm with 1kg urea in 100 liters water to prevent fruit drop in Ambia fruits. Spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water if there is sudden rise in temperature between 35 to 40 degree Celsius.
ORANGE	If there is Phytophthora symptoms on the tree trunk is noticed, then scrap the affected part of the trunk, wash the surface with potassium permanganate solution and apply Mefenoxam MZ-68 paste. Spray Mefenoxam MZ-68 @ 2.50 g/liters or fosetyl Al @ 2.5g/litre fungicide on the tree covering the whole plant canopy. Apply Bordeaux paste on the tree trunk up to height of 60 cm by paint brush. In case of citrus psylla and leaf miner attack, spray dimethoate 1.5 ml or imidacloprid 0.5 ml or quinalphos 2 ml or thiamethoxam 0.3 g in one liter water. Repeat spray after 15 days interval. In case of Lemon butterfly infestation, spray quinalphos 2 ml or Fenvalerate 1 ml in one liter water. Repeat spray after 15 days.
CHILLI	In chilli, if thrips, fruit borer and tobacco leaf eating caterpillar crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 12.0 ml per 10 litres of water during clear weather condition.
CABBAGE	In cabbage, if aphids (green & black), diamond back moth and tobacco leaf eating caterpillar crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 12.0 ml per 10 litres of water during clear weather condition.
TOMATO	In tomato, if leaf minor, aphids, thrips, white fly and fruit borer crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 18.0 ml per 10 litres of water during clear weather condition.
WATER MELON	Irrigate the Watermelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Carry out intercultural operation and keep the crop weed free.
MUSKMELON	Irrigate the Muskmelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Carry out intercultural operation and keep the crop weed free.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Offer clean and cold water (stored in earthen pot) to the animals. Those who have cultivated berseem, should be done top dressing of 10 kg N/ha after each cutting to encourage quick growth and high yield. Deworming of livestock should be done by seeking advice of Veterinary practitioner.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid from 08:30 AM on the previous day to 08:30 AM on the said date.

