



Agromet Advisory Bulletin

Date : 25-02-2022

Weather Forecast of District NAGPUR(Maharashtra) Issued On : 2022-02-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-26	2022-02-27	2022-02-28	2022-03-01	2022-03-02
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.5	34.8	35.3	35.4	35.7
Tmin(°C)	17.6	17.9	18.3	18.7	18.5
RH-I(%)	52	51	49	55	53
RH-II(%)	34	32	35	33	36
Wind Speed(kmph)	8.0	8.0	7.0	7.0	8.0
Wind Direction(Degree)	90	148	68	117	60
Cloud Cover(Octa)	2	2	3	3	2

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. 26th, February, 2022 to 02nd, March, 2022. The maximum and minimum temperature will be 34.5 to 35.7 and 17.6 to 18.7 degree Celsius respectively and wind speed will be 7.0 to 8.0 kilometre per hour during next five days.

General Advisory:

Continue the harvesting & threshing of matured Chickpea, Wheat, Mustard, Linseed etc. and store the harvested produce in safer places. 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. Considering the increasing temperature, soil moisture and crop need irrigate the fruit orchards and vegetables.

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.

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places. In late sown and irrigated chickpea if Gram Pod Borer has reached the ETL, spraying should be done with Quinalphos 25 % EC 20 ml or Emamectin benzoate 5 % SG 3 gm or Flubendiamide 20 % WG 5 gm or Chlorantraniliprole 18.5 SC 2.5 ml per 10 liters of water.
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). In wheat, in case of infestation of rust and leaf blight disease is noticed spraying should be done of Mancozeb 75 % WP @ 20 to 25 gm per 10 liters of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LINSEED	Continue the harvesting & threshing of matured Linseed and store the harvested produce in safer places. In linseed, if the gall midge crosses economic threshold level (8.77 % gall midge) spraying should be done of Acetamiprid 20 SP 2.0 gram per 10 litres of water or Imidacloprid 17.8 SL 2.5 ml per 10 litres of water or Dimethoate 30 % EC 10 ml per 10 liters of water. Mature linseed crop should be harvested and stored in a safe place.
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	In Nagpur mandarin and Sweet orange continue drip irrigation at the rate of 9-40, 60-96 and 108-137 litres per day for 1-4, 5-7, 8 years and above trees old respectively. Follow irrigation with double ring method or square method irrigate orchard at 7 to 10 days interval. During this period in general citrus leaf miner and citrus psylla are active. At the time of Ambia flush for citrus psylla control, spray imidacloprid 0.5 ml, quinalphos 2 ml or dimethoate 2 ml in one litre water. Against leaf miner spray thiamethoxam 0.3 g or Fenvalerate 1 ml per litre of water. Repeat application after 10 days in case the infestation of leaf miner and citrus psylla persists. In case of citrus aphid attack, spray quinalphos @ 2 ml or dimethoate @ 2 ml/l and repeat it after every 7 days. In case there is gummosis on the tree trunk remove the gum portion by sharp knife and apply Metalaxyl paste or fosetyl Al paste on the affected part of the tree trunk. During this period incidence of lemon butterfly is observed. Spray Quinalphos 2 ml or Fenvalerate 2 ml in one liter water for minimizing the incidence of lemon butterfly. Foliar application of gibberellic acid 1.5 gm + urea 1 kg may be given to Ambia bahar during fruit set after mixing it in 100 litres water. (Dissolve gibberellic acid in 10 ml alcohol before mixing in water)
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
COW	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.