



Agromet Advisory Bulletin

Date : 01-04-2022

Weather Forecast of District NAGPUR(Maharashtra) Issued On : 2022-04-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-02	2022-04-03	2022-04-04	2022-04-05	2022-04-06
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	42.0	42.0	42.0	42.0	41.0
Tmin(°C)	22.0	22.0	23.0	23.0	22.0
RH-I(%)	46	44	43	45	47
RH-II(%)	36	34	33	35	37
Wind Speed(kmph)	10.0	10.0	9.0	9.0	10.0
Wind Direction(Degree)	214	203	101	120	45
Cloud Cover(Octa)	2	2	2	2	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. 02nd to 06th, April, 2022. The maximum and minimum temperature will be 41.0 to 42.0 and 22.0 to 23.0 degree Celsius respectively and average wind speed will be 9 to 10.0 kilometre per hour during next five days. As per the extended range forecast system in Vidarbha Sub Division during 06th, April, 2022 to 12th, April, 2022 maximum and minimum temperature will be normal.

General Advisory:

It is advised to continue the harvesting and threshing of matured Wheat, Chickpea, Mustard, Linseed etc. preferably during early morning and evening hours and store the harvested produce in safer places. It is advised to apply need based light and frequent irrigation to fruit orchards, vegetables and summer field crops. Avoid intercultural operation in summer groundnut at peg formation stage. Ploughing should be done after harvesting of rabi season crop. Increase the frequency of irrigation at critical growth stages. Take adequate water for drinking while working in the field and avoid working during afternoon period. Farm operation should be given preferably during early morning and evening hours.

SMS Advisory:

Avoid grazing of animal during the afternoon period to avoid the heating injury. Increase the frequency of irrigation at critical growth stages.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Considering the increase temperature apply light and frequent irrigation to groundnut crop at an interval of 8 to 10 days according to requirement of crop and considering soil type. Avoid over irrigation/water stagnation to prevent the incidence of root rot. Intercultural operation should be avoided once the pegs formed. During peg formation to pod development stage, care should be taken to avoid water stress. If possible, sprinkler should be used for irrigation. For control 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. For control thrips, when ETL cross (5 thrips per three leaves), then spraying should be taken of Quinalphos 25 % EC (28 ml/10 liter of water) 1400 ml/hectare in 500 litres of water.
GREEN GRAM	Need base light and frequent irrigation should be given to summer green gram crop.
BENGAL GRAM/ CHICK PEA	Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.
WHEAT	Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.
MUSTARD	Carry out harvesting, threshing and safe storage of matured mustard crop. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.
OKRA/ LADYFINGER	For management of sucking pest observed in okra, spray Thiamethoxam 25 % WG 2 gm Or Imidacloprid 17.8 SL, 2 ml in 10 liter 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. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.
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.
CAULIFLOWER	For management of aphids on Cabbage & Cauliflower, spray Dimethoate 30 EC 13 ml or Cyantraniliprole 10.26 OD 12 ml per 10 liters of water.
CAULIFLOWER	For management of Diamond Back Moth on Cabbage & Cauliflower, Spraying should be done of Chlorpyrifos 20 EC 40 ml or Spinosad 2.5 SC 12 ml or Fenvalerate 20 EC 5 ml per 10 liters of water.
ORANGE	Considering the rise in temperature continue drip irrigation at the rate of 14-63, 87-143 and 163-204 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. Considering the increasing temperature, mulching around tree trunk up to 5-10 cm should be done with wheat straw, paddy straw or uprooted weeds so that, evaporation of water due to high temperature can be minimized which helps in reducing fruit crop.
ORANGE	Foliar application of gibberellic acid 1.5 gm + urea 1 kg may be given during fruit set after mixing it in 100 litres water. (Dissolve gibberellic acid in 10 ml alcohol before mixing in water). Spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water if there is sudden rise in temperature between 41 to 42 degree Celsius.
CHILLI	For avoiding flower drop in chilli, apply Planofix 5 ml/9 litre of water, 50 to 70 days after planting. Due to present weather condition for control of sap sucking pest on Chilli crops, spray 5 % Neem ark or imidacloprid 17.8 SL 5 ml per 10 lit. of water. 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.

Horticulture(Varieties)	Horticulture Specific Advisory
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. Use fans, water spray and foggers in the shed. During extreme heat, spray water and take cattle to a water body to cool off. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	To get the protection against heat, provide curtains and proper ventilation in poultry house.

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 of the previous day to 08:30 AM of the mentioned date.