



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



Agromet Advisory Bulletin

Date : 04-05-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-05-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-05-05	2021-05-06	2021-05-07	2021-05-08	2021-05-09
Rainfall	0.0	0.0	2.0	2.0	0.0
Tmax(°C)	39.6	40.0	39.3	38.9	38.8
Tmin(°C)	23.7	24.0	23.1	23.5	23.8
RH-I(%)	59	62	67	67	64
RH-II(%)	45	46	49	48	47
Wind Speed(kmph)	5.0	6.0	8.0	7.0	5.0
Wind Direction(Degree)	150	204	199	198	248
Cloud Cover(Octa)	3	4	6	5	4

Weather Summary/Alert:

In Nagpur district, as per forecast given by, IMD, RMC, Nagpur, sky will be partly cloudy to partially cloudy during next five days (05th May, 2021 to 09th May, 2021) as well as light to moderate rainfall at isolated places and thunderstorm accompanied with lightning and gusty winds (speed reaching 30-40 kmph) very likely to occur at isolated places on 07th May and light to moderate rainfall at isolated places and thunderstorm accompanied with lightning very likely to occur at isolated places on 08th May 2021. As per Extended Range Forecast, during 07th to 13th May, 2021 below normal rainfall in Nagpur district is forecasted.

General Advisory:

Fruit orchards, vegetable and other vine family crops should be supported with bamboos depending on the stage of crop growth. Animals should be kept away from open water sources, rivers or lakes and tractors and other metal implements. Avoid letting cow, buffalo, goats, sheep, and other animals graze in open spaces as there is a possibility of rain and lightning. Make arrangements to provide feed and water to the cattle at shed.

SMS Advisory:

Soil samples for soil testing should be taken and sent to the nearest Agriculture university, Krishi Vigyan Kendra or other government soil testing laboratory with appropriate soil testing charges.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	For the control of leaf eating caterpillar spraying 5 % NSKE or Quinalphos 20 ml in 10 liter of water. Irrigation should be done to Summer Mungbean crop at an interval of 6-9 days depending upon climatic condition and soil as well as Irrigation must be provided at flowering and pod formation stage to the crop.
GROUNDNUT	In groundnut, 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.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	In groundnut, for control of leaf folder or leaf miner, when ETL cross (2 larva per plant or 10 percent leaves are damage), then apply spraying of Quinalphos 25 % EC, 1 litre/hectare mix with 500 litre of water (20 ml/10 litre of water) or Deltamethrin 2.8 % EC, 500 ml per hectare in 400-600 litre of water (10ml/ 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.
OKRA/ LADIES' FINGER	Okra crop may get infested by fruit borer pest. For its control spray Quinalphos 25 % EC 16 ml per 10 liters of water or NSKE 0.005 % for first spraying after the infestation was noticed and if need take second or third spraying after 15 days interval.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.
CHILLI	For the control of fruit borer pest of chilli crop, remove and destroy the infested bud and flower as early as possible. Spraying should be taken of Deltamethrin 2.8 EC, 10 ml or Thiodicarb 75 % WP, 16 gram, or Emamectin Benzoate 5 % SG, 4 gram mix with in 10 litre of water. For avoiding flower drop in chilli, apply Planofix 5 ml/9 litre of water, 50 to 70 days after planting. For control of sap sucking pest on Chilli crops, spray 5 % Neem ark or imidaclopride 17.8 SL 5 ml per 10 lit. of water.
ORANGE	According to soil moisture status and crop need, In Nagpur mandarin and sweet orange one year old tree should be given 17 litres of water /day/ tree, 5-year-old tree need 102 litres / day / tree, 8 years tree require 188 litres / day/ tree and 10 years and above tree require 235 litres water / day/ tree.
ACID LIME	According to soil moisture status and crop need, In acid lime (lemon) one year tree should be given 11 litres water / tree / day, 5 years tree need 42 litres / day / tree, 8 years tree require 73 litres / tree/ day while 10 years and above tree need 108 litres water per day per tree.
ORANGE	Orange Fruit Dropping Management: 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 35 to 40 degree Celsius.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Deworming of livestock should be done by seeking advice of Veterinary practitioner. One week after Deworming, vaccinate the cattle and buffaloes against Foot, & mouth disease (FMD), Black quarter (BQ) and Haemorrhagic Septicaemia (HS). Keep the livestock under the shed to protect from heat and lightning. 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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Groundnut, sesame, green gram, and sugarcane should be irrigated at intervals of 6 to 7 days depending on the available soil moisture and crop need. Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
SOIL TESTING	Soil samples for soil testing should be taken and sent to the nearest Agriculture university, Krishi Vigyan Kendra or other government soil testing laboratory with appropriate soil testing charges.
GENERAL ADVICE	Farmers should take care of thunder and lightning in the sky: If you are working in the field, take shelter immediately near the field. After taking shelter in a safe place in the field, keep dry wood, plastic, gonapath, dry mulch under the feet. Sit with both feet together and both hands on your knees. Make sure that no part of your body touches the ground except your feet. Individuals working in ponds, such as places where there is moisture in the soil or water sources, should go to a safe and dry place immediately. If there are tall trees nearby, take shelter at a distance twice the height of that tree.
GENERAL ADVICE	Farmers should take care of thunder and lightning in the sky: A pucca house is the safest place to avoid lightning. Farmers should plant trees as low as possible around their houses and livestock sheds. Moist, swampy places and water sources (wells, lakes, rivers, farm ponds etc.) should be avoided as much as possible. If traveling in a four-wheeler, stop in the vehicle. Farmers should take care that they do not have any metal tools. When working in the field, do not let more people work together at the same time. Care should be taken to keep a distance of at least 15-20 feet between two persons. Do not use an umbrella with a metal rod. Stay away from other electric tools made by farmers as well as metal ones.
GENERAL ADVICE	After harvesting of crop, advise for deep ploughing of harvested fields to expose the hibernating insects, larvae/pupa to sun and predator birds. To solve the problems related to agriculture call Toll Free no 1800 180 1551. To solve the problems related to National Agriculture Market (e-NAM) call Toll Free Number 1800-270-0224. To solve the problems related to transport of agricultural inputs between inter states, call Toll Free no 1800 180 4200, from any mobile or landline.