



Agromet Advisory Bulletin

Date : 12-04-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-04-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-04-13	2021-04-14	2021-04-15	2021-04-16	2021-04-17
Rainfall	1.0	1.0	2.0	0.0	0.0
Tmax(°C)	36.6	37.3	36.8	37.7	38.2
Tmin(°C)	22.6	23.1	22.3	22.1	23.5
RH-I(%)	57	54	56	50	50
RH-II(%)	35	33	34	31	31
Wind Speed(kmph)	4.0	5.0	7.0	3.0	3.0
Wind Direction(Degree)	155	158	242	202	195
Cloud Cover(Octa)	3	4	6	3	1

Weather Summary/Alert:

In Nagpur district, as per forecast given by, IMD, RMC, Nagpur, sky will be partly to partially cloudy during next five days (13th April to 17th April, 2021), on 13th, 14th and 15th April, 2020 light to moderate rainfall at one/two places along with thunderstorm accompanied with lightning very likely to occur at isolated places on 13th April and thunderstorm accompanied with lightning and gusty winds (speed reaching 30-40 kmph) very likely to occur at isolated places on 15th April, 2021 is forecasted. As per Extended Range Forecast, up to 22nd, April, 2021 below normal rainfall in Nagpur district is forecasted.

General Advisory:

Vegetable and other vine stem 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. Support with bamboo or sticks to prevent damage to oranges, sweet orange, acid lime, papaya, vegetable crops and other fruit trees due to gusty winds.

SMS Advisory:

Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of rain and lightning.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	If incidence of the leaf folder/leaf eating caterpillar was noticed, then spraying should be taken of Quinalphos 20 ml or Carbaryl 10 % 40 gm in 10 liters of water.
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).

Crop(Varieties)	Crop Specific Advisory
OKRA/ LADIES' FINGER	For control of sucking pest observed in okra, spray Thiamethoxam 25 % WG 2 gm Or Imidacloprid 17.8 SL, 2 ml in 10 liter of water. Application of 2nd dose of Nitrogen 25 kg/ha (54 Kg Urea per hectore) after 30 days of sowing is suggested to the farmers. One to two hand weeding should be carried out after 30 days of sowing to keep the crop weed free.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CABBAGE	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.
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.
ACID LIME	In acid lime 1 to 4 year tree should be given 11 to 27 litres water per day per tree, 5 to 7 year tree be given 34 to 53 litres water per day per tree, 8 to 10 years tree be given 65 to 100 litres water per day per tree.
ORANGE	Prune all canker affected branches and leaves in acid lime and burn them. Spray copper oxychloride 180 g with Streptocycline 6 g in 60 litre water to check citrus canker in acid lime. Repeat the spray after 30 days interval. Control of citrus psylla and leaf miner by spraying quinalphos 12.5 ml or imidacloprid 5 ml or dimethoate 15 ml in 10 litres of water. Apply second spray after 15 days interval, if required.
ORANGE	Fertilizer should be applied at the rate of 108 g urea or 250g ammonium sulphate and 157g l.c. single superphosphate along with 25g zinc sulphate, 25g ferrous sulphate and 25g manganese sulphate for one year old plant. For 2,3, and 4 years trees the rate should be two, three and four times of the quantity recommended for one year tree. Apply 20 to 25 kg farm yard manure to each tree in the soil. These fertilizers and FYM should be applied along the periphery of trees with care that fertilizers are applied to moist soil only.
ORANGE	Orange Irrigation Management: 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	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
COW	Dairy cows should be given 8 kg dry fodder and 6 kg green fodder and 1 kg feed. Maize, sorghum, millet, wheat bran should be used in mixing in preparation diet. Add 20 gms per kg of mineral mixture in the diet.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory

(Varieties)	
GENERAL ADVICE	Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.
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	Interculture operation, fertilizer application in standing crop, pesticide application, irrigation application should be done on clean and dry day depending on local weather condition and soil moisture availability.