



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



Agromet Advisory Bulletin

Date : 01-06-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-06-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-06-02	2021-06-03	2021-06-04	2021-06-05	2021-06-06
Rainfall	7.9	5.3	4.1	4.7	2.6
Tmax(°C)	39.9	39.0	38.4	38.6	39.5
Tmin(°C)	25.2	25.4	24.8	24.0	25.6
RH-I(%)	82	80	86	85	74
RH-II(%)	52	50	56	55	48
Wind Speed(kmph)	19.0	21.0	17.0	15.0	14.0
Wind Direction(Degree)	281	202	255	255	276
Cloud Cover(Octa)	6	7	7	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 (02nd, June to 06th June, 2021) and on 02nd June and 03rd June light to moderate rainfall at few places thunderstorm accompanied with lightning, hail and gusty winds (speed reaching 30-40 kmph) very likely to occur at some places and on 04th, 05th and 06th June 2021 light to moderate rainfall at one/two places and thunderstorm accompanied with lightning very likely to occur at some places is forecasted. As per Extended Range Forecast, during 04th June to 10th June, 2021 above normal rainfall in Nagpur district is forecasted.

General Advisory:

Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of rain, gusty winds and lightning/hail. Cultivation of land (Ploughing, harrowing) should be done parallel to contour line or horizontally along the main slope. Therefore, rain water seeps into the soil and helps to reduce soil erosion. Animals should be kept away from open water sources, rivers or lakes and tractors and metal. Vegetable and horticultural crops should be supported with bamboos depending on the stage of crop growth.

SMS Advisory:

Possible measures should be taken to prevent water retention in vegetables, orchards and other crops. Avoid farm operation during thunder and lightning period.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Farmers are advised to avoid pre monsoon sowing.

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	For soybean cultivation, select medium heavy quality, well drained soil with Soil pH 6.5 to 7.5. Considering the dry weather forecast, after ploughing the land should be leveled by giving 2 to 3 harrowing and apply 5 tons well decomposed Farm Yard Manure before the last harrowing. In view of the scarcity of soybean seeds for the coming kharif season, farmers should use household grain as seeds instead of selling them in the market. If household grains are to be used as seeds, the germination capacity of the seeds should be checked.
GROUNDNUT	For kharif groundnut cultivation, medium, well drained, humus rich, sand mixed claysoil and organic matter rich soil should be select. For groundnut cultivation, soil layer of 15 to 20 cm should be humurous. Apply 5 tons of well decomposed manure before the last harrowing.
CITRUS	For controlling citrus mealy bugs, the basin around the tree trunk should be earthed up. Wrap sticky band by smearing with mobile oil around the tree trunk and destruction of ant's nests should be done and spraying of chlorpyrifos 20 EC @ 5ml/liters of water and apply in ant nests. For control of mealy bug chlorpyrifos 20 EC @ 2ml/liters of water or dimethoate 2ml/litre of water should be done on the tree leaves and trunk.
CITRUS	To control snails on citrus use metaldehyde pellets. Alternatively take straw of paddy or wheat, jiggery or sugarcane molasses, yeast and methomyl 40 SP or Thiamethoxam 25 % WG. In order to prepare poison bait dissolve 2kg jiggery, 25 yeasts in 10 liters water. Now add wheat or paddy husk and mix well and keep for fermentation for 10 to 12 hrs. Thereafter add 100 g methomyl or 50g Thiamethoxam 25% WG and spread it at the base of citrus tree trunk in the evening throughout the entire orchard. Citrus snail will be attracted and will die after feeding on such poison bait.
CITRUS	In case a new orchard of citrus is to be established then dig the pits of size (75cm x 75cm x 75cm) at 6 x 6 meter spacing for Nagpur Santra (Nagpur mandarin), Mosambi (Sweet orange) and acid lime and the pits should be kept exposed to solar rays.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	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.
GOAT	Vaccinate the goat against FMD, HS, PPR and enterotoxaemia. Offer clean and cold water (stored in earthen pot) to the animals. Keep the livestock under the shed to protect from heat.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	At the time of purchasing seed, farmers are advised to check the detail on tag/label such as, name of crop, crop kind, variety, physical and genetic purity percentage, germination and inert matter percentage, net weight, lot and batch number, date of testing and packing, maximum retail price, moisture percentage etc. Take the original bill from the seller and ensure that the signature on bill of both seller and seed purchasing farmers.
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Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers and farm labor are to follow precautions and safety measures to be taken to prevent the COVID-19 disease spread. Simple measures include social distancing, maintaining personal hygiene by washing of hands with soap, wearing of face mask, protective clothing and cleaning of implements and machinery. Workers to follow safety measures and social distancing at each and every step in the entire process of field operations. Precautions and safety measures of workers engaged in repair, maintenance and harvesting operation is to be ensured. In case of manual field operations of harvesting/ picking, accomplish the operation in 4-5 feet spaced strips assigning one strip to one person. This will ensure adequate spacing between the engaged labors.
LAND PREPARATION	Cultivation of land (Ploughing, harrowing) should be done parallel to counter line or horizontally along the main slope. Therefore, rain water seeps into the soil and helps to reduce soil erosion.
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	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.
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.