



Agromet Advisory Bulletin

Date : 12-08-2022

Weather Forecast of District NAGPUR(Maharashtra) Issued On : 2022-08-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-13	2022-08-14	2022-08-15	2022-08-16	2022-08-17
Rainfall(mm)	5.0	3.3	10.5	28.7	12.7
Tmax(°C)	28.0	27.8	27.4	27.3	27.2
Tmin(°C)	24.0	24.1	24.3	24.4	24.2
RH-I(%)	89	88	90	91	90
RH-II(%)	86	85	87	88	86
Wind Speed(kmph)	9.0	8.0	8.0	9.0	8.0
Wind Direction(Degree)	254	284	281	239	247
Cloud Cover(Octa)	6	7	7	7	6

Weather Summary/Alert:

• In Nagpur district, as per the district level forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy during next five days i.e. 12th to 16th, August, 2022. • Light to moderate rainfall very likely to occur at many places on 12th and 13th, August, 2022. • Light to moderate rainfall very likely to occur at most places on 14th, 15th and 16th, August, 2022. • Thunderstorm with lightning very likely to occur at isolated pockets 12th and 13th, August, 2022. • Heavy rainfall very likely to occur at isolated pockets 15th, August, 2022. • As per the extended range forecast system in Vidarbha Sub Division region during 17th, August, 2022 to 23rd, August, 2022 rainfall will be above normal and maximum and minimum temperature will be normal.

General Advisory:

• Considering the rainfall forecast, it is advised to carry out application of agrochemicals in standing crop for within two days by judging the local clear weather condition at Wafsa condition. • In cotton, soybean, green gram, black gram, pigeon pea, Nagpur mandarin, sweet orange, acid lime, other seasonal crop, fruit and vegetables, it is advised to open the field channels to avoid surface ponding. • Considering the thunderstorm and lightning forecast, it is advised to take shelter at safe places, it is ensuring to keep maximum distance between two farm labour while working in the field. Avoid shelter near to water bodies (Lake, Well, River and Moist places) tractors and metal implements. Avoid taking shelter under a tree in any situation as the lightning attracts on tallest object. • Farmers, farm laborers should not rush to cross the road if water is flowing from the river & nala and also take care that their other animals do not pass through the flowing water. • Avoid letting cow, buffalo, goats, sheep, and other cattle's/animals graze in open spaces as there is a possibility of rain and lightning for next two days. Animals should be kept away from open water sources, rivers or lakes and tractors and metal.

SMS Advisory:

• In cotton, soybean, green gram, black gram, pigeon pea, Nagpur mandarin, sweet orange, acid lime, other seasonal crop, fruit and vegetables, it is advised to open the field channels to avoid surface

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
COTTON	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field. In wilt and root rot affected fields, drenching with Carbendazim 50 WP @ 20 g per 10 litres of water is suggested in the early stages of disease and surrounding healthy plants. Drenching of Copper Oxychloride 50 WP @ 25 g + urea 100 g mixed in 10 litres of water to the plants as line application is suggested for the management of parawilts. Spray Flonicamid 50 WG @ 80 g or Dinotefuran 20 SG @ 60 g/ acre or Thiamethoxam 25 WG @ 40 g/acre to control sucking pests. To monitor pink bollworm, install 2 pheromone traps/ac for surveillance purpose in the field and undertake spray of neem seed kernel extract 5% or neem oil @ 5ml/liter of water on cotton.
SOYABEAN	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field. Install Yellow Sticky Traps at different locations in the field as preventive measures for control of white fly, a carrier for transmission of YMV diseases. Farmers are also advised to install bird perches at different locations which facilitate seating arrangement for predatory bird which feed on leaf eating caterpillars. For the management of Tobacco caterpillar and gram pod borer, farmers are advised for installation of insect-specific pheromone traps. In case 5-10 adults are reported in these traps, it indicates the initial stage of incidence of these insects in the crop which necessitates the adoption of suitable control measures. For control of girdle beetle as well as defoliators simultaneously, farmers are advised to apply spray of any one pre-mix insecticide formulations such as Chlorantraniliprole 09.30 % + Lambda cyhalothrin 04.60 % ZC (200 ml/ha) or Thiamethoxam + Lambda Cyhalothrin (125 ml/ha) or Beta cyfluthrin + Imidacloprid (350 ml/ha). This is also useful in controlling the infestation of Stem Fly.
PIGEON PEA (RED GRAM/ARHAR)	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field.
GREEN GRAM	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field.
BLACK GRAM	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field.
MANGO	<ul style="list-style-type: none"> It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> Avoid letting cow, buffalo, goats, sheep, and other cattle's/animals graze in open spaces as there is a possibility of rain and lightning. Animals should be kept away from open water sources, rivers or lakes and tractors and metal. The floor of the animal shed should be kept dry and clean. The feed and fodder should be stored properly to prevent the growth of moulds. Maintain the surrounding of animal shed clean and hygienic and remove the unwanted vegetation nearby the sheds. Protect young animals from excessive consumption of newly grown green vegetation.
GOAT	<ul style="list-style-type: none"> Vaccinate the goat against FMD, HS, PPR and enterotoxaemia. Offer clean and cold water (stored in earthen pot) to the animals.

Others (Soil / Land Preparation) Specific Advisory:

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

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.