



Agromet Advisory Bulletin

Date : 08-08-2022

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

| Parameter | 2022-08-09 | 2022-08-10 | 2022-08-11 | 2022-08-12 | 2022-08-13 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 67.2 | 125.3 | 65.8 | 10.5 | 13.6 |
| Tmax(°C) | 33.2 | 32.8 | 32.7 | 32.5 | 32.3 |
| Tmin(°C) | 22.8 | 22.5 | 22.3 | 22.1 | 22.0 |
| RH-I(%) | 100 | 97 | 96 | 96 | 95 |
| RH-II(%) | 91 | 92 | 90 | 91 | 92 |
| Wind Speed(kmph) | 7.0 | 7.0 | 8.0 | 7.0 | 7.0 |
| Wind Direction(Degree) | 189 | 187 | 223 | 253 | 274 |
| Cloud Cover(Octa) | 8 | 8 | 7 | 8 | 8 |

Weather Summary/Alert:

• In Nagpur block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy during next five days i.e. 09th to 13th, August, 2022. • Light to moderate rainfall very likely to occur on 09th, 10th, 11th, 12th and 13th, August, 2022. • Thunderstorm with lightning very likely to occur on 10th, August, 2022. • Heavy rainfall and Thunderstorm with lightning very likely to occur on 09th and 11th, August, 2022. • As per the extended range forecast system in Vidarbha Sub Division region during 10th, August, 2022 to 16th, August, 2022 rainfall will be above normal and maximum temperature will be below normal and minimum temperature will be normal.

General Advisory:

• Considering the rainfall forecast, it is advised to postponed the intercultural operations, sowing or transplanting, application of agrochemicals and fertilizer in standing crop for next 4 to 5 days. • 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. • 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. • 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. • 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.

SMS Advisory:

• Considering the rainfall forecast, it is advised to postponed the intercultural operations, sowing or transplanting, application of agrochemicals and fertilizer in standing crop for next 4 to 5 days.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| COTTON | • It is advised to open the field channels to avoid surface ponding and drain out excess water from the crop field. |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------------------|--|
| 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. |
| 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 |
|--|---|
| 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. |
| GENERAL ADVICE | <p>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. *Based on a research trial that was not included in the CIB RC label claim. # Under label claim.</p> |