



**Gramin Krishi Mausam Sewa**  
Experimental Block Level Agromet Advisory Bulletin  
(A Joint Initiative of IMD & ICAR)



## Agromet Advisory Bulletin

Date : 20-07-2021

Weather Forecast of **NAGPUR** Block in **NAGPUR**(Maharashtra) Issued On :2021-07-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-21	2021-07-22	2021-07-23	2021-07-24	2021-07-25
<b>Rainfall</b>	16.8	44.6	27.9	19.6	2.4
<b>Tmax(°C)</b>	31.4	28.6	26.6	27.4	31.9
<b>Tmin(°C)</b>	24.6	22.5	22.6	21.8	22.9
<b>RH-I(%)</b>	90	91	92	88	85
<b>RH-II(%)</b>	85	84	86	78	75
<b>Wind Speed(kmph)</b>	6.0	9.0	10.0	10.0	6.0
<b>Wind Direction(Degree)</b>	293	288	293	252	283
<b>Cloud Cover(Octa)</b>	8	8	8	8	7

### 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 and light to moderate rain occur during next five days from 21st July, 2021 to 25th, July, 2021 is forecasted.

### General Advisory:

Considering the rainfall forecast spraying of agrochemicals and application of fertilizers in standing crop and intercultural operations should be postponed. Farmers should take care to avoid water stagnation in vegetables, orchards and other crops. Farmers are advised to monitor the crop regularly for insect incidence, disease occurrence and use the suitable recommended control measures thereof in the initial stage itself.

### SMS Advisory:

Farmers should take care to avoid water stagnation in vegetables, orchards and other crops.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	Considering the rainfall forecast, care should be taken not to retain water in the soybean crop. Farmers are also advised to install 'T' shaped bird perches at different locations which facilitate seating arrangement for predatory bird who feed on caterpillars. In timely sown soybean crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve the aeration in soil and crop and management of weeds. In case of infestation of stem fly infestation is noticed, after crossing the ETL level for management of this pest spraying should be done of Thiamethoxam 12.6 % + Lambda Cyhalothrin 9.5% ZC 2.5 ml or Ethion 50 % EC 15 ml or Chlorantranilipro
COTTON	Considering the rainfall forecast, care should be taken not to retain water in the cotton crop. Spraying should be done after spell of rainfall and arrival of Wafsa condition in soil and on clear day. For control of millipedes farmers are advised to keep the field bunds free of grasses, weeds and any decaying organic residues. If incidence is more, spot application of Chlorpyrifos 20EC @2 ml per litre of water may be given. Install yellow sticky trap for monitoring of the white fly.
GREEN GRAM	Considering the rainfall forecast, care should be taken not to retain water in the green gram crop. In timely sown green gram crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve

Crop(Varieties)	Crop Specific Advisory
	the aeration in soil and crop and management of weeds.
BLACK GRAM	Considering the rainfall forecast, care should be taken not to retain water in the black gram crop. In timely sown black gram crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve the aeration in soil and crop and management of weeds.
PIGEON PEA (RED GRAM/ARHAR)	Considering the rainfall forecast, care should be taken not to retain water in the pigeon pea crop. In timely sown pigeon pea crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve the aeration in soil and crop and management of weeds.
CITRUS	Avoid water stagnation near the tree trunk. If need drain out excess rain water from the orchard through the drainage channels prepared earlier. Remove water shoots from the plant and all shoots below the bud union of the graft. For green manuring sow seeds of dhaincha or sunhemp @ 40 kg per hectare.
RICE	Marigold and Cowpea crops should be planted on paddy bunds for breeding of beneficial insects. For management of Stem borer and Gall midge apply Carbofuran 3% granular 25 kg per hectare (Carbofuran 3% granular 250 gm per 100 square meter nursery) should be applied in the nursery 5 days before transplanting. Paddy nursery should be kept free from weeds. The tops of the seedlings should be cut off and stored in bamboo baskets so that the eggs of the Stem borer on the seedlings are destroyed and parasitic insects come out of them. Transplanting should be done up to 20th July in Gall midge prone areas to reduce the incidence. Seedlings should be planted in a strip system to manage the Leafhopper
RICE	Transplanting should be done after 21 to 25 days of age of seedlings. For this, two days before removing the seedlings, increase the water level in the nursery a little. This helps in removing the seedlings without breaking the roots. After transplanting of paddy seedlings, maintain water level up to one inch for better establishment of roots. Agriculture is profitable if the soil is tested and proper quantity of chemical fertilizers are used. Generally, apply 100 kg Nitrogen, 50 kg Phosphorus and 50 kg Potash per hectare. Apply whole phosphorus and potash and half the amount of nitrogen in the mud (Puddled field) and the remaining half nitrogen in two equal installments (usually tillering

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	Keshar, Dashahari, Amrapali, Payari, Langada varieties of Mangoshould be planted at a distance of 8 x 8 or 10 x 10 meter by making 1 x 1 x 1 m pits.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Repair roofs of the animal sheds wherever necessary to ensure protection for animals from rains. Prevent the animal's exposure to direct rainfall for longer period. 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.

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

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Kharif vegetables like chilli, tomato, brinjal, cauliflower should be transplanted at 4 to 6 weeks of age of seedlings.