



Agromet Advisory Bulletin

Date : 27-08-2021

Weather Forecast of **BHIVAPUR** Block in **NAGPUR**(Maharashtra) Issued On :2021-08-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-08-28	2021-08-29	2021-08-30	2021-08-31	2021-09-01
Rainfall	3.8	3.5	8.4	12.7	13.3
Tmax(°C)	32.9	33.3	34.5	33.9	33.7
Tmin(°C)	23.5	23.8	24.0	23.7	23.5
RH-I(%)	86	88	90	95	98
RH-II(%)	71	68	75	88	90
Wind Speed(kmph)	6.0	6.0	5.0	5.0	5.0
Wind Direction(Degree)	249	264	129	34	319
Cloud Cover(Octa)	6	6	6	7	7

Weather Summary/Alert:

In Bhivapur block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy and very light/light to light/moderate rain occur during next five days from 28th, August, 2021 to 01st September, 2021 and thunderstorm accompanied with lightning very likely to occur on 28th and 29th August, 2021 is forecasted.

General Advisory:

Avoid letting cow, buffalo, goats, sheep and other animals graze in open spaces. Farmers should immediately take shelter in a safe place if they hear thunder while working in the field. Considering the rainfall forecast, thunderstorm accompanied with lightning farmers are advised to postpone spraying of agrochemicals and application of fertilizers in standing crop and intercultural operations should be carried out as soon as possible by judging the local clear weather condition. The mat

SMS Advisory:

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.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	The mature green gram crop should be harvested immediately and the harvested crop should be stored on elevated field and if threshing is not possible, cover the harvested produce with tarpaulin.
SOYABEAN	Due to cloudy weather, in case of infestation of Yellow Mosaic Virus and Soybean Mosaic Virus disease is noticed in soybean farmers are advised to destroy the affected plants and install Yellow Sticky Traps at different locations in the field. Farmers are also advised to install 'T' shaped bird perches at different locations which facilitate seating arrangement for predatory bird who feed on caterpillars.
COTTON	Install yellow sticky traps 8/acre for whitefly and Jassid, blue sticky traps 8/acre for thrips, spray NKE 5% or neem-based insecticides @ 5ml/l of water. In order to monitor the pink bollworm moth's activity in cotton, use two pheromone trap per acre with active ingredient of pectinolure or gossypure. Regular observations of moths trapped in pheromone traps should be recorded. As soon as it is observed that the moths have crossed economic threshold level (8 moths per trap per night for three consecutive nights), the recommended chemical pesticides should be

Crop(Varieties)	Crop Specific Advisory
	applied. Infected rosette flower should be removed and destroyed immediately (Economic Threshold Level– 10 % infested infloresc
RICE	If Stem borer and Gall midge crossing ETL, Apply Carbofuran 3% G or Fipronil 0.3 % G @ 25 kg per hectare by maintaining water level 7 to 10 cm. Do not remove water from paddy bunds for 4 to 5 days. These pesticides should be used again after 30 days as required. 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 instalments (usually tillering stage which comes at 30 days and panicle initiation stage which comes about 60 days).For management of blast of paddy spray Hexaconazole 5% EC @ 20 ml. or Isoprothiolane 40% EC @ 15 ml or Tebuconazo
BLACK GRAM	Timely sown, mature black gram crop should be harvested immediately and the harvested crop should be stored on elevated field and if threshing is not possible, cover the harvested produce with tarpaulin.In late sown crop, excess water should be drained immediately if rain water is stagnant in Black gram field. In black gram crop, if incidence of pod borer is noticed and crossing the ETL spraying should be done of Lufenuron 5.4% EC 12 ml or Flubendiamide 39.35% SC 2 ml or Chlorantraniliprole 18.5 SC 2 ml per 10 liters of water, if incidence of pod borer and Maruca spp is noticed and crossing the ETL spraying should be done of Thiodicarb 75% WP 15 gm per 10 liters of water for management, if
PIGEON PEA (RED GRAM/ARHAR)	Intercultural operations (Hoeing, Weeding etc.) should be carry out in pigeon pea crop. ^[B] Install pheromone traps @ 5/ha for monitoring of Helicoverpa. Monitor for presence of eggs & small larvae.In pigeonpea nipping of terminal bud is advisable at 45-50 days crop stage to induce more branching.To manage the initial incidence of leaf eating caterpillar every 15 days undertake spray of Azadiractin 300 ppm @50 ml per 10 litres of water during clear weather. Installation of bird perches is advisable at different locations in pigeonpea field which facilitate seating arrangement for predatory bird which feed on leaf eating caterpillars.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ORANGE	Excess water should be drained immediately if water is stagnant in orange orchards. During this month there is likelihood of attack of phytophthora fungus on the fruit causing brown rot of maturing ambia fruits. To control these two sprays of Metalaxyl-M 4 % + Mancozeb 64 % WP 2.5 gm + Carbendazim 1 g per litre of water may be sprayed at 30 days interval. To check fruit drop of Ambia bahar spray the citrus tree with 1.5g 2, 4-D or gibberellic acid with 100 gm carbendazim and 1 kg urea mixed in 100 litres of water.Repeat the spray after 15 days if the fruit drop continues.Remove water shoots from the plant and all shoots below the bud union of the graft. Keep the orchards weed free.
ACID LIME	Prune all canker affected branches and leaves in acid lime and burn them.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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. A pucca house is the safest place to avoid lightning. Farmers should plant trees as lo
GENERAL ADVICE	It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid from 08:30 AM on the previous day to 08:30 AM on the said date.