



Agromet Advisory Bulletin

Date : 14-09-2021

Weather Forecast of **NAGPUR** Block in **NAGPUR**(Maharashtra) Issued On :2021-09-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-15	2021-09-16	2021-09-17	2021-09-18	2021-09-19
Rainfall	42.6	5.4	6.0	0.3	0.0
Tmax(°C)	29.5	29.3	30.6	31.0	31.5
Tmin(°C)	22.4	22.2	22.9	22.9	23.6
RH-I(%)	89	88	82	81	81
RH-II(%)	71	69	63	55	55
Wind Speed(kmph)	19.0	15.0	12.0	11.0	10.0
Wind Direction(Degree)	248	238	242	212	246
Cloud Cover(Octa)	8	8	6	7	6

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 fivedays during 15th September, 2021 to 19th September, 2021 and thunderstorm accompanied with lightning very likely to occur on 15th September, 2021 is forecasted.

General Advisory:

Drain out excess water stagnated from the Cotton, Soybean, Arhar, Green and black gram, Vegetables, Papaya, Banana, Oranges, Sweet orange and Acid lime orchards and other crop fields immediately. Thunderstorm and lightning is forecasted so that 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. The spraying of agrochemicals for pest and disease management and

SMS Advisory:

Drain out excess water stagnated from Cotton, Soybean, Arhar, Green and black gram, Vegetables, Papaya, Banana, Citrus orchards and other crop immediately.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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.
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.
COTTON	Drain out excess water from the cotton field if rain water stagnated. As precautionary measure, prophylactic spraying should be done in clear weather after current spell of rain with Copper oxychloride 50 WP @25 g+ [Streptomycin sulphate IP 90% w/w+ Tetracycline hydrochloride IP 10% w/w] @ 1 g in 10 litres of water is suggested during early boll developmental stages for the management of internal boll rot of cotton. If symptoms of parawilting observed in cotton, farmers are advised to undertake drenching of carbendazim 50 WP @25g + Urea @100g in 10 litres of water. Install yellow sticky traps 8/acre for whitefly and Jassid, blue sticky traps 8/acre for thrips, spray NKE 5% or neem-based in

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Drain out excess water from the Pigeon pea field if rain water stagnated.
CITRUS	Management of fruit dropping in Nagpur mandarin and sweet orange in rainy season: Excess water should be drained immediately if water is stagnant in orange and sweet orange orchards. Remove water shoots from the plant and all shoots below the bud union of the graft. Keep the orchards weed free. Foliar spray application of GA3 1.5 g + KNO3 1.5 kg in 100 litres of water has already be done in first week of September, Foliar spray application of 2,4-D or NAA 1.5 g + monopotassium phosphate (00:52:34) 1.5 kg/100 litres of water in third week of September. Application of 50 g FeSO4 and 50g ZnSO4/plant mixed with 5 kg FYM or vermicompost along with remaining dose of recommended fertilizers should
OKRA/ LADYFINGER	Drain out excess water from the Okra field if rain water stagnated.
SOYABEAN	Drain out excess water from the Soybean field if rain water stagnated. If initial infestation of Anthracnose and Rhizoctonia Aerial Blight is noticed in soybean, farmers are advised to spray in the crop clear weather condition and after current spell of rain with Tebuconazole 25.9 % EC (625 ml/ha) or Tebuconazole 10 % + Sulphur 65 % WG (1 kg/ha) or Pyrethrin 20 WG (500 g/ha) or Pyrethrin 133 g/L + Epoxiconazole 50 g/L SE (750ml/ha) or Fluxapyroxad 167 g/L + Pyrethrin 333 g/L SC (300 ml/ha) or Tebuconazole 50 % + Trifloxystrobin 25 % WG (350 ml/ha). Farmers are also advised to install 'T' shaped bird perches at different locations which facilitate seating arrangement for predators
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. For management of Leaf roller/folder nitrogenous fertilizers should be used in a balanced manner. Infected leaves wrapped by larvae should be collected and destroyed with larvae. Spray Azadirachtin 0.15% (1500 ppm) @ 30 ml. or lambda cyhalothrin 5 E.C. @ 6 ml. or Chlorantraniliprole 18.5% SC.@ 3 ml or Thiamethoxam 25 W. G. @ 2 gm by mixing in 10 liters of water. For management of plant hoppers, although rice crop is prone to plant

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Drain out excess water from the Brinjal field if rain water stagnated.
TOMATO	Drain out excess water from the Tomato field if rain water stagnated.
PAPAYA	After arrival Wafsa, 6 weeks age papaya seedlings should be planted at a distance of 2.5 x 2.5 m.
SAPOTA	After arrival Wafsa, Sapota seedlings should be planted at a distance of 10 x 10 m.

Others (Soil / Land Preparation) Specific Advisory:

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