



Agromet Advisory Bulletin

Date : 20-08-2021

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

Parameter	2021-08-21	2021-08-22	2021-08-23	2021-08-24	2021-08-25
Rainfall	23.4	21.8	12.9	12.4	6.8
Tmax(°C)	27.4	27.7	28.0	28.4	28.7
Tmin(°C)	22.9	23.1	23.3	23.6	23.4
RH-I(%)	96	95	92	90	88
RH-II(%)	90	89	84	82	79
Wind Speed(kmph)	4.0	5.0	5.0	6.0	4.0
Wind Direction(Degree)	192	207	222	237	272
Cloud Cover(Octa)	7	7	7	8	8

Weather Summary/Alert:

In Ramtek 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, August, 2021 to 25th, August, 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 and carry out after current spell of rain.

SMS Advisory:

Excess water should be drained immediately if water is stagnant in Cotton, Soybean, Black & Green gram, Arhar, Groundnut etc. Vegetables and Orange, Sweet orange and Acid lime and others orchards.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Excess water should be drained immediately if rain water is stagnant in cotton field. In 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. Due previous week rain, increased humidity and cloudy weather if incidence of sucking pests (Aphids, Jassid, White fly and Thrips) is noticed and if crossing ETL, spray Buprofezin 25 SC 20ml/10lit of water or Flonicamid 50 WG 4gm/10 lit of water for management of sucking pests. In order to monitor the pink bollworm moth's activity in cotton, used two pheromone trap per acre with active ingredient of pectinolure or gossypure. Regular observa
SOYABEAN	Excess water should be drained immediately if rain water is stagnant in Soybean field. 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. If initial infestation of Anthracnose and Rhizoctonia Aerial Blight is notice in soybean, farmers are advised to spray after current spell of and in the clear weather condition with Tebuconazole 25.9 % EC (625 ml/ha) or Tebuconazole 10 % + Sulphur 65 % WG (1 kg/ha) or Pyroclostrobin 20 WG (500 g/ha) or Pyroclostrobin 133 g/L + Epoxiconazole 50 g/L SE (750ml/ha) or Fl

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	Farmers are also advised to install 'T' shaped bird perches at different locations which facilitate seating arrangement for predatory bird who feed on caterpillars. Due to cloudy weather, In case of infestation of girdle beetle as well as defoliators (Green semilooper, Tobacco leaf eating caterpillar and Pod borer) simultaneously infestation is noticed in soybean and crossing the ETL level for management of this pest farmers are advised for spraying in clear weather condition of pre-mix insecticide Novaluron 5.25 % + Indoxacarb 4.50 % SC @ 850 ml/ha or Thiamethoxam 12.6 % + Lambda Cyhalothrin 9.50 % ZC (125 ml/ha) or Beta-cyfluthrin 8.49 % + Imidacloprid 19.81 % OD (350 ml/ha) in 500 litre
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% Es.C @ 15 ml or Tebucona
GREEN GRAM	Excess water should be drained immediately if rain water is stagnant in Green gram field.
BLACK GRAM	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 incidence of pod borer complex (Etiella zinckenella, Spodoptera litura and Maruca vitrata) is noticed and crossing the ETL spraying should be done of Novaluron 5.25% + Indoxacarb 4.5% SC 17.5 ml for management, in case of i
OKRA/ LADYFINGER	Excess water should be drained immediately if rain water is stagnant in Okra orchards.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
SWEET ORANGE	Excess water should be drained immediately if rain water is stagnant in sweet orange orchards.
ACID LIME	Excess water should be drained immediately if rain water is stagnant in Acid lime orchards.
ORANGE	Excess water should be drained immediately if water is stagnant in orange orchards. For management of citrus canker disease, prune all canker affected branches and leaves in acid lime and burn them. Spray copper oxychloride 180 g with Streptocycline 6 g in 60 litre water to check citrus canker. Repeat the spray after 30 days interval. 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
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BRINJAL	Excess water should be drained immediately if rain water is stagnant in Brinjal field. .
TOMATO	Excess water should be drained immediately if rain water is stagnant in Tomato field.

Others (Soil / Land Preparation) Specific Advisory:

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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.