



Agromet Advisory Bulletin

Date : 03-08-2021

Weather Forecast of **HINGNA** Block in **NAGPUR**(Maharashtra) Issued On :2021-08-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-08-04	2021-08-05	2021-08-06	2021-08-07	2021-08-08
Rainfall	3.8	11.5	5.7	11.0	6.7
Tmax(°C)	29.7	29.5	29.8	29.9	29.6
Tmin(°C)	23.6	23.4	23.7	23.9	23.5
RH-I(%)	92	90	93	89	87
RH-II(%)	83	81	84	80	78
Wind Speed(kmph)	14.0	13.0	15.0	12.0	11.0
Wind Direction(Degree)	251	244	245	250	264
Cloud Cover(Octa)	7	7	7	6	6

Weather Summary/Alert:

In Hingna block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be mostly cloudy and light to moderate rain occur during next fivedays from 04th, August, 2021 to 08th, August, 2021 is forecasted.

General Advisory:

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. Drain out excess water from field of Soybean, Pigeon pea, Cotton, Green gram, Black gram, Tomato, Brinjal, as well as other kharif, vegetables and fruit orchard if required as well as farmers should take care to avoid water stagnation in vegetables, orchards and other crops. Considering the rainfall forecast spraying of agr

SMS Advisory:

Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	The field should be kept free from weeds for management of leaf crinkle viral disease on green gram. Remove Ishwari and Koti Chawli weeds as early possible. Avoid giving excessive nitrogenous fertilisers to the crop. This leads to luxuriant vegetative growth of the crop and increases the incidence of sucking pests. To prevent the infestation of white fly, install yellow sticky traps (size 15 X 30 cm) at the rate of 16 ha / ha at a height of one feet higher than the height of the crop. Spraying should be done when sky is clear. Use Fipronil 5 % SC 20 ml or Flonicamid 50 WG 3 g or Imidacloprid 17.8 SL 2.5 ml or Thiamethoxam 25 % WG 4 gm per 10 liter of water at the appearance of leaf crinkle v
BLACK GRAM	The field should be kept free from weeds for management of leaf crinkle viral disease on black gram. Remove Ishwari and Koti Chawli weeds as early possible. Avoid giving excessive nitrogenous fertilisers to the crop. This leads to luxuriant vegetative growth of the crop and increases the incidence of sucking pests. To prevent the infestation of white fly, install yellow sticky traps (size 15 X 30 cm) at the rate of 16 ha / ha at a height of one feet higher than the height of the crop. Spraying should be done when sky is clear. Use Fipronil 5 % SC 20 ml or Flonicamid 50 WG 3 g or Imidacloprid 17.8 SL 2.5 ml or Thiamethoxam 25 % WG 4 gm per 10 liter of water at the appearance of leaf crinkle v

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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. 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.
COTTON	Drenching of Carbendazim 50 WP@ 20g per + 100gram Urea 10 lit of water or Trichoderma harzianum or T. viridae @10 g/ litre of water should be done for management of wilt and root rot affected crop. Broadcast Trichoderma harzianum or Trichoderma viride powder 1 kg mix with in 25 kg well decomposed FYM or compost near crop row. For monitoring boll worm infestation in early sown cotton, it is advised to install 2 pheromone traps per hectare for surveillance purpose in the field and undertake spray of neem-based insecticide 1 L/acre on cotton. It is also advised to observe 20 plants of cotton for pest incidence. Where Wafsa condition is arrived, apply first split of 40 Kg N (90 Kg Urea per ha.) for ir
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. Due previous week rain, increased humidity and cloudy weather, In case of infestation of stem fly, semilooper and girdle beetle 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 Chlorantraniliprole 18.5 % SC 2 to 3ml or Chlorantraniliprole 9.30 % + Lambda Cyhalothrin 4.60 % ZC 4 ml mix with in per 10 liters of water a
GROUNDNUT	Due previous week rain, increased humidity and cloudy weather if incidence of leaf folder or leaf miner is noticed and when ETL cross (2 larva per plant or 10 percent leaves are damage), then apply spraying of Quinaphos 25 % EC, 1 litre/hectare mix with 500 litre of water (20 ml/10 litre of water) or Deltamethrin 2.8 % EC, 500 ml per hectare in 400-600 litre of water (10ml/ 10 litre of water). For control of rust and tikka (leaf spot), spraying should be done of Tebuconazole 25% WG 500-750 gm per hectare mix with 500 litre) of water. (10 to 15 gram/10 litre of water.
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. Keep the orchards weed free. Apply 108g Urea or 250 gms Ammonium sulphate, 157g single superphosphate and in addition along with fertilizer apply 25g Zinc sulphate, 25g Ferrous sulphate and 25 g Manganese sulphate for one year old tree. Apply twice the quantity for two year tree, three times for three year tree and four times for four years and above trees. Fertilizer should be applied to the tree in moist soil condition. Adequate FYM should be applied in soil.
CITRUS	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 in acid lime after current spell of rain. 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 acid with 100 gm carbendazim and 1 kg urea mi
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ACID LIME	Avoid water stagnation near the tree trunk. If need drain out excess rain water from the orchard through the drainage channels prepared earlier. 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

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Live Stock Specific Advisory:

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COW	Protect young animals from excessive consumption of newly grown green vegetation.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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Care should be taken that therainwater should not stagnate in transplanted vegetables seedlings field. Arrangements should be made to drain excess water from the vegetable crop. Soil drenching should be given to nursery seedlings planted on flatbedwith the recommended fungicide.
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.