



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



Agromet Advisory Bulletin

Date : 03-09-2021

Weather Forecast of **UMRED** Block in **NAGPUR**(Maharashtra) Issued On :2021-09-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-04	2021-09-05	2021-09-06	2021-09-07	2021-09-08
Rainfall	6.2	1.9	3.3	9.6	28.0
Tmax(°C)	33.0	33.2	33.0	33.1	31.3
Tmin(°C)	24.0	24.4	24.2	24.5	22.8
RH-I(%)	82	81	82	81	92
RH-II(%)	78	77	79	77	88
Wind Speed(kmph)	8.0	9.0	10.0	10.0	11.0
Wind Direction(Degree)	263	310	341	350	278
Cloud Cover(Octa)	8	8	8	7	7

Weather Summary/Alert:

In Umred 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 moderate rain occur during next five days from 04th September, 2021 to 08th September, 2021 mostly cloudy and thunderstorm accompanied with lightning very likely to occur on 04th and 06th September, 2021 is forecasted.

General Advisory:

The spraying of agrochemicals for pest and disease management and intercultural operations in field crops, vegetables and fruit orchards should be completed in the next two days by considering the local weather. The mature green and 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. Thunderstorm and lightning is forecasted in next two days so that avoid letting cow, bu

SMS Advisory:

The mature green and 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

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.
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.
COTTON	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 insecticides @ 5ml/l of water. In order to monitor the pink bollworm mot

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 liter
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 Azadiractin 0.15% (1500 ppm) @ 30 ml. or lambdacyhalothrin 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. Apply 100 kg Nitrogen, 50 kg Phosphorus and 50 kg Potash per hectare. Ap
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 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 may be done in first 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 be applied with in the basin of these trees. Application of tetracycline hydrochloride 600 ppm (60 g / 100 litres of water) followed by Streptocycline or K-cycline
PIGEON PEA (RED GRAM/ARHAR)	Intercultural operations (Hoeing, Weeding etc.) should be carry out in pigeon pea crop. 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
BRINJAL	In the view of cloudy weather, if the incidence of aphids, thrips, whitefly and spider mites on brinjal crop, spraying should be taken 2 weeks after planting with Dimethoate 30% EC 10 ml or Quinalphos 25% EC 20 ml or thiometon 25% EC 10 ml per 10 liters of water.
TOMATO	In the view of cloudy weather, if tomato leaf blight was noticed, spraying should be taken of Mancozeb 75 WP 25 gms or Copper oxychloride 50 WP 25 gms mix with in 10 liters of water. For control of thrips and white fly on tomato crop, spraying should be taken of Thimethoxam 25% WG 4 gm or Dimethoate 30% EC in 10 ml per 10 liters of water.
PAPAYA	6 weeks age papaya seedlings should be planted at a distance of 2.5 x 2.5 m.
SAPOTA	Sapota seedlings should be planted at a distance of 10 x 10 m.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Thunderstorm and lightning is forecasted in next two days so that avoid letting cow, buffalo, goats, sheep and other animals graze in open spaces for next two days.

Others (Soil / Land Preparation) Specific Advisory:

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

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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	For winter planting, cauliflower, cauliflower, brinjal, tomato seeds should be sown in nursery on flat beds. Spinach, Fenugreek, Radish, Carrot, Wal, Tondli and Garlic should be cultivated.
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.