



# Gramin Krishi Mausam Sew

Experimental Block Level Agromet Advisory Bulletin  
(A Joint Initiative of IMD & ICAR)



## Agromet Advisory Bulletin

Date : 22-03-2022

Weather Forecast of **UMRED** Block in **NAGPUR**(Maharashtra) Issued On :2022-03-22(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-03-23 | 2022-03-24 | 2022-03-25 | 2022-03-26 | 2022-03-27 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 39.2       | 40.2       | 40.2       | 39.2       | 39.2       |
| Tmin(°C)               | 19.9       | 20.9       | 20.9       | 19.9       | 19.9       |
| RH-I(%)                | 53         | 55         | 57         | 60         | 58         |
| RH-II(%)               | 41         | 43         | 46         | 50         | 47         |
| Wind Speed(kmph)       | 6.0        | 6.0        | 7.0        | 6.0        | 7.0        |
| Wind Direction(Degree) | 351        | 38         | 128        | 218        | 256        |
| Cloud Cover(Octa)      | 3          | 3          | 4          | 5          | 4          |

### Weather Summary/Alert:

In Umred block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be clear to partially cloudy and weather is very likely to be dry during 23rd to 27th, March, 2022.

### General Advisory:

Ploughing should be done after harvesting of rabi season crop. It is advised to give priority to harvesting and threshing of matured Wheat, Chickpea, Mustard, Linseed etc. and store the harvested produce in safer places. Considering the dry weather and temperature forecast it is advised to apply need base light and frequent irrigation to fruit orchards, vegetables and summer field crops. Continue the intercultural operation, application of irrigation and spraying of agrochemicals for pest and disease management in fruit orchards, vegetables and summer field crops by judging local clear weather condition preferably during early morning and evening hours. In Orange and Sweet orange of Ambia Bahar, spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water as there is sudden rise in temperature between 35 to 40 degree Celsius.

### SMS Advisory:

Considering the dry weather and temperature forecast it is advised to apply need base light and frequent irrigation to fruit orchards, vegetables and summer field crops.

### Crop Specific Advisory:

| Crop(Varieties)        | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GROUNDNUT              | In groundnut undertake need based irrigation. Avoid over irrigation/water stagnation to prevent the incidence of root rot. Undertake need based inter-culture operation to loosen the surface soil. For control thrips, when ETL cross (5 thrips per three leaves), then spraying should be taken of Quinalphos 25 % EC (28 ml/10 liter of water) 1400 ml/hectare in 500 litres of water. |
| GREEN GRAM             | Light and frequent irrigation should be given to summer green gram crop.                                                                                                                                                                                                                                                                                                                  |
| BENGAL GRAM/ CHICK PEA | Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places.                                                                                                                                                                                                                                                                                  |
| WHEAT                  | Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places.                                                                                                                                                                                                                                                                                     |
| MUSTARD                | Carry out harvesting, threshing and safe storage of matured mustard crop.                                                                                                                                                                                                                                                                                                                 |
| OKRA/ LADYFINGER       | For management of sucking pest observed in okra, spray Thiamethoxam 25 % WG 2 gm Or Imidacloprid 17.8 SL, 2 ml in 10 liter of water.                                                                                                                                                                                                                                                      |

**Horticulture Specific Advisory:**

| Horticulture(Varieties) | Horticulture Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LINSEED                 | Continue the harvesting & threshing of matured Linseed and store the harvested produce in safer places.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANGO                   | For management of fruit drop in mango spraying should be taken of 20 parts per million (PPM) Naphthalic Acetic Acid (NAA) mix with in water and apply on the inflorescence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ORANGE                  | Considering the rise in temperature drip irrigation should be given @ 12-53, 78-127, and 145-180 liters per day for trees 1-4, 5-7, 8 years old and above respectively. Follow double ring method of irrigation and irrigate orchard 7 to 10 days. Use mulching in basins. Spray 2, 4D 1.5gm with 1kg urea in 100 liters water to prevent fruit drop in Ambia fruits. Spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water if there is sudden rise in temperature between 35 to 40 degree Celsius.                                                                                                                                                                                                                           |
| ORANGE                  | If there is Phytophthora symptoms on the tree trunk is noticed, then scrap the affected part of the trunk, wash the surface with potassium permanganate solution and apply Mefenoxam MZ-68 paste. Spray Mefenoxam MZ-68 @ 2.50 g/liters or fosetyl Al @ 2.5g/litre fungicide on the tree covering the whole plant canopy. Apply Bordeaux paste on the tree trunk up to height of 60 cm by paint brush. In case of citrus psylla and leaf miner attack, spray dimethoate 1.5 ml or imidacloprid 0.5 ml or quinalphos 2 ml or thiamethoxam 0.3 g in one liter water. Repeat spray after 15 days interval. In case of Lemon butterfly infestation, spray quinalphos 2 ml or Fenvalerate 1 ml in one liter water. Repeat spray after 15 days. |
| CHILLI                  | In chilli, if thrips, fruit borer and tobacco leaf eating caterpillar crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 12.0 ml per 10 litres of water during clear weather condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TOMATO                  | In tomato, if leaf minor, aphids, thrips, white fly and fruit borer crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 18.0 ml per 10 litres of water during clear weather condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Live Stock Specific Advisory:**

| Live Stock(Varieties) | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW                   | Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. Use fans, water spray and foggers in the shed. During extreme heat, spray water and take cattle to a water body to cool off. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. |

**Poultry Specific Advisory:**

| Poultry(Varieties) | Poultry Specific Advisory                                 |
|--------------------|-----------------------------------------------------------|
| CHICKEN            | Provide curtains and proper ventilation in poultry house. |

**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 of the previous day to 08:30 AM of the mentioned date. |