



## Agromet Advisory Bulletin

Date : 25-03-2022

Weather Forecast of **RAMTEK** Block in **NAGPUR**(Maharashtra) Issued On :2022-03-25(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-03-26 | 2022-03-27 | 2022-03-28 | 2022-03-29 | 2022-03-30 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall               | 1.8        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 37.2       | 38.2       | 39.2       | 40.2       | 40.2       |
| Tmin(°C)               | 23.4       | 22.4       | 23.4       | 23.4       | 24.4       |
| RH-I(%)                | 72         | 69         | 64         | 60         | 52         |
| RH-II(%)               | 39         | 37         | 35         | 34         | 32         |
| Wind Speed(kmph)       | 10.0       | 9.0        | 8.0        | 7.0        | 7.0        |
| Wind Direction(Degree) | 200        | 346        | 340        | 335        | 338        |
| Cloud Cover(Octa)      | 6          | 4          | 3          | 3          | 3          |

### Weather Summary/Alert:

In Ramtek block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partly to partially cloudy during next five days i.e. 26th to 30th, March, 2022 and very light to light rainfall very likely to occur on 26th, March, 2022 and weather is very likely to be dry during 27th to 30th, March, 2022.

### General Advisory:

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. It is advised to apply need base light 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. Avoid intercultural operation in summer groundnut at peg formation stage. Ploughing should be done after harvesting of rabi season crop. If threshing is not possible it is advised to cover the harvested produce with plastic sheet.

### SMS Advisory:

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.

### 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. Intercultural operation should be avoided once the pegs formed. During peg formation to pod development stage, care should be taken to avoid water stress. If possible, sprinkler should be used for irrigation. Give irrigation to Groundnut crop at an interval of 8 to 10 days according to requirement of crop and considering soil type. 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. 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      | Need base light and frequent irrigation should be given to summer green gram crop.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Crop(Varieties)        | Crop Specific Advisory                                                                                                                                                                                   |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BENGAL GRAM/ CHICK PEA | Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin. |
| WHEAT                  | Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.    |
| MUSTARD                | Carry out harvesting, threshing and safe storage of matured mustard crop. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.                                |
| 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. If threshing is not possible due to labor availability cover the harvested crop with tarpaulin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANGO                   | If the infestation of jassids on mango is crossing economic threshold level, Buprofezin 25 % EC 10 ml or deltamethrin 2.8 % EC 5 ml or imidacloprid 17.8 SL % 4 ml or Lambda cyhalothrin 5 % EC 5 ml or Dimethoate 30 % EC 16.5 ml per 10 liters of water. For management of powdery mildew of mango, spraying should be done of Hexaconazole 5 % EC 10 ml or Penconazole 10 % EC 5 ml or Sulfur 80 % WDG 30 gm or Dinocap 48 % EC 5 ml per 10 liters of water. 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.                                                                                               |
| MANDARIN 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.                                                                                                                                                                                                                           |
| MANDARIN 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                  | For avoiding flower drop in chilli, apply Planofix 5 ml/9 litre of water, 50 to 70 days after planting. Due to present weather condition for control of sap sucking pest on Chilli crops, spray 5 % Neem ark or imidacloprid 17.8 SL 5 ml per 10 lit. of water. 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 |
|-----------------------|------------------------------|
|-----------------------|------------------------------|

| Live Stock(Varieties) | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                  |
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| COW                   | Keep animals in shade and give them plenty of clean and cold water to drink. 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            | To get the protection against heat, 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. |