



## Agromet Advisory Bulletin

Date : 11-03-2022

Weather Forecast of **HINGNA** Block in **NAGPUR**(Maharashtra) Issued On :2022-03-11(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-03-12 | 2022-03-13 | 2022-03-14 | 2022-03-15 | 2022-03-16 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 36.0       | 37.0       | 38.0       | 39.0       | 40.0       |
| Tmin(°C)               | 20.0       | 21.0       | 22.0       | 22.0       | 23.0       |
| RH-I(%)                | 58         | 52         | 59         | 56         | 53         |
| RH-II(%)               | 35         | 34         | 37         | 36         | 33         |
| Wind Speed(kmph)       | 9.0        | 8.0        | 10.0       | 9.0        | 10.0       |
| Wind Direction(Degree) | 19         | 13         | 28         | 279        | 116        |
| Cloud Cover(Octa)      | 1          | 2          | 2          | 2          | 2          |

### Weather Summary/Alert:

In Hingna 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 12th to 16th, March, 2022.

### General Advisory:

Considering the dry weather and wind speed forecast, it is advised to give priority to harvesting and threshing of matured wheat crop. It is also advised to continue the harvesting & threshing of matured Chickpea, Mustard, Linseed etc. and store the harvested produce in safer places. If threshing is not possible cover the harvested produce with plastic sheet. Continue the inter-cultural operation, application of irrigation and spraying of agrochemicals for pest and disease management in fruit orchards and vegetables by judging local clear weather condition. Taking advantage of available soil moisture harvested rabi fields should be ploughed immediately. This will also help to expose the hibernating insect, larvae/ pupa to sun and predatory birds. Need based irrigation should be given to vegetables crops.

### SMS Advisory:

Considering the dry weather and wind speed forecast, it is advised to give priority to harvesting and threshing of matured wheat, chickpea, linseed and others matured crop.

### Crop Specific Advisory:

| Crop(Varieties)        | Crop Specific Advisory                                                                                                                                                                             |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                                                                          |
| 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 |

| Crop(Varieties)     | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GREEN GRAM          | As per the irrigation facility during peak summer months, continue sowing of summer green gram till 15 March. Use (Pusa Vaishakhi, PKV-AKM-4 (Vaibhav)) varieties for sowing. If possible irrigate the field before sowing, so as to enhance germination of seed. Recommended @12-15 kg seed/ha and fertilizer @ 20:40:20 kg/ha N:P:K is advisable. Seed treatment with Trichoderma viride 4g/kg seed and, Rhizobium and PSB (each 250g / 10-15 kg seed) is advisable. |
| OKRA/<br>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                   | 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<br>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<br>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                   | Offer clean and cold water (stored in earthen pot) to the animals. Those who have cultivated berseem, should be done top dressing of 10 kg N/ha after each cutting to encourage quick growth and high yield. Deworming of livestock should be done by seeking advice of Veterinary practitioner. |

### Others (Soil / Land Preparation) Specific Advisory:

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

| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory                                                                                                                                     |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GENERAL<br>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. |