



## Agromet Advisory Bulletin

Date : 04-03-2022

Weather Forecast of **KATOL** Block in **NAGPUR**(Maharashtra) Issued On :2022-03-04(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-03-05 | 2022-03-06 | 2022-03-07 | 2022-03-08 | 2022-03-09 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall               | 1.6        | 0.0        | 0.0        | 0.0        | 1.8        |
| Tmax(°C)               | 34.4       | 36.2       | 36.0       | 35.6       | 35.5       |
| Tmin(°C)               | 18.9       | 19.1       | 18.7       | 19.2       | 20.3       |
| RH-I(%)                | 65         | 64         | 63         | 64         | 66         |
| RH-II(%)               | 46         | 45         | 44         | 43         | 45         |
| Wind Speed(kmph)       | 9.0        | 9.0        | 8.0        | 8.0        | 8.0        |
| Wind Direction(Degree) | 166        | 116        | 115        | 89         | 154        |
| Cloud Cover(Octa)      | 4          | 3          | 2          | 3          | 5          |

### Weather Summary/Alert:

In Katol block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partly to partially cloudy and very light to light rainfall is very likely to be occur on 05th and 09th, March. 2022.

### General Advisory:

It is advised to complete the harvesting & threshing of matured Chickpea, Wheat, 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 intercultural operation, spraying of agrochemicals for pest and disease management in fruit orchards and vegetables by judging local clear weather condition. Considering increasing temperature, provide green fodder, cold and clean water and shelter should be provided in the shade.

### SMS Advisory:

Complete the harvesting & threshing of matured Chickpea, Wheat, Mustard, Linseed etc. and store the produce in safer places. If threshing is not possible cover the harvested produce with plastic sheet

### Crop Specific Advisory:

| Crop(Varieties)              | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BENGAL<br>GRAM/ CHICK<br>PEA | Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places. If threshing is not possible cover the harvested produce with plastic sheet.                                                                                                                                                                                  |
| WHEAT                        | Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places. If threshing is not possible cover the harvested produce with plastic sheet. Considering the soil moisture status and crop needs, wheat crop should be irrigated at flowering stage (65 to 70 days after sowing) and milking stage (80 to 85 days after sowing). |
| SESAME<br>(GINGELLY/TIL)     | Summer sesame crop should be thinned first 15 to 20 days after sowing and second after 8 days at a distance of 10 to 15 cm between the two seedlings. Since early growth of sesame crop is slow, crop field should be kept weed free till one month of crop age. Keep the field clean by making 2 to 3 hoeing / hand weeding as per the requirement of the crop.       |

| Crop(Varieties)     | Crop Specific Advisory                                                                                                                                 |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUSTARD             | Carry out harvesting, threshing and safe storage of matured mustard crop. If threshing is not possible cover the harvested produce with plastic sheet. |
| 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. If threshing is not possible cover the harvested produce with plastic sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANDARIN<br>ORANGE      | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BRINJAL                 | 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. For management of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 litre of water.                                                                                                                                                                                                                                                                                                                                                                      |
| WATER MELON             | Irrigate the Watermelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Intercultural operation and 2nd split dose of Nitrogen, Apply 40 kg Nitrogen 30 days after planting. Weeding should be done 2-3 times to keep the crop clean and healthy.                                                                                                                                                                                                                                                                                                                                                                                                        |
| MUSKMELON               | Irrigate the Muskmelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Intercultural operation and 2nd split dose of Nitrogen, Apply 40 kg Nitrogen 30 days after planting. Weeding should be done 2-3 times to keep the crop clean and healthy.                                                                                                                                                                                                                                                                                                                                                                                                         |

### 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                                                                                                                                |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |