



## Agromet Advisory Bulletin

Date : 07-09-2021

Weather Forecast of **NARKHED** Block in **NAGPUR**(Maharashtra) Issued On :2021-09-07(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2021-09-08 | 2021-09-09 | 2021-09-10 | 2021-09-11 | 2021-09-12 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall               | 37.1       | 16.1       | 9.0        | 4.2        | 4.3        |
| Tmax(°C)               | 34.0       | 33.7       | 33.5       | 33.4       | 33.2       |
| Tmin(°C)               | 22.2       | 22.0       | 21.8       | 21.7       | 21.6       |
| RH-I(%)                | 98         | 97         | 95         | 94         | 92         |
| RH-II(%)               | 78         | 76         | 75         | 74         | 72         |
| Wind Speed(kmph)       | 9.0        | 11.0       | 12.0       | 14.0       | 13.0       |
| Wind Direction(Degree) | 90         | 207        | 257        | 252        | 253        |
| Cloud Cover(Octa)      | 7          | 8          | 8          | 8          | 7          |

### Weather Summary/Alert:

In Narkhed block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy and very light to moderate rain occur during next five days from 08th September, 2021 to 12th 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 postponed for next 2 to 3 days and carry out after current spell of rain 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.

### SMS Advisory:

Drain out excess water stagnated from Cotton, Soybean, Arhar, Green and black gram, Vegetables, Papaya, Banana, Citrus orchards and other crop immediately.

### 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.                                                                                                                                                                                                                                                                                                                                                                                                     |
| SOYABEAN        | Drain out excess water from the Soybean field if rain water stagnated. 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 |
| PIGEON PEA      | Drain out excess water from the Pigeon pea field if rain water stagnated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Crop(Varieties)     | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (RED GRAM/ARHAR)    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OKRA/<br>LADYFINGER | Drain out excess water from the Okrafield if rain water stagnated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COTTON              | Drain out excess water from the cottonfield if rain water stagnated. 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 after arrival of Wafsa and current spell of rain. As precautionary measure, prophylactic spraying should be done in clear weather and 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. Install yellow sticky traps 8/acre for whitefly and Jassid, blue sticky traps 8/ac |
| 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 lambda cyhalothrin 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       |

#### Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory                                                                    |
|-------------------------|---------------------------------------------------------------------------------------------------|
| ORANGE                  | Drain out excess water from the Orange orchard if rain water stagnated.                           |
| SWEET ORANGE            | Drain out excess water from the Sweet orange orchard field if rain water stagnated.               |
| ACID LIME               | Drain out excess water from the Acid lime orchard field if rain water stagnated.                  |
| BRINJAL                 | Drain out excess water from the Brinjal field if rain water stagnated.                            |
| TOMATO                  | Drain out excess water from the Tomato field if rain water stagnated.                             |
| PAPAYA                  | After arrival Wafsa, 6 weeks age papaya seedlings should be planted at a distance of 2.5 x 2.5 m. |
| SAPOTA                  | After arrival Wafsa, Sapota seedlings should be planted at a distance of 10 x 10 m.               |

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

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