



## Agromet Advisory Bulletin

Date : 2024-11-19

**Weather Forecast of District BULDHANA (Maharashtra) Issued On : 2024-11-19 (Valid Till 08:30 IST of the next 5 days)**

| Parameter              | 2024-11-20 | 2024-11-21 | 2024-11-22 | 2024-11-23 | 2024-11-24 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 30.2       | 30.5       | 30.7       | 30.6       | 30.2       |
| Tmin(°C)               | 15.4       | 15.2       | 15.3       | 15.7       | 15.8       |
| RH-I(%)                | 50         | 48         | 43         | 39         | 41         |
| RH-II(%)               | 26         | 26         | 25         | 22         | 20         |
| Wind Speed(kmph)       | 4          | 4          | 4          | 5          | 5          |
| Wind Direction(Degree) | 92         | 96         | 103        | 124        | 136        |
| Cloud Cover(Octa)      | 0          | 0          | 0          | 0          | 0          |

### Weather Summary/Alert:

Today IMD issued five days weather forecast for Buldhana district indicates that prevalence of dry weather during upcoming five days over district.

### General Advisory:

Cotton picking should done from matured and fully opened bolls is advisable. Cotton in immature and partially opened bolls contains moisture, if picking is done from same bolls, it becomes yellowish in colour. Ensure about proper drying of picked cotton under shade conditions prior to its storage. Storage should be done, where proper aeration is existing. Avoid storage at moist places, it may affects quality of lint.

### SMS Advisory:

Ensure about crop growth stage & moisture status, while irrigating the crop. Follow micro-irrigation systems to irrigate the crop, if possible.

### Crop Specific Advisory:

| Crop (Stage)                   | Crop Specific Advisory   |
|--------------------------------|--|
| BENGAL GRAM/<br>CHICK PEA      | Undertake need based intercultural operations and keep the field weed free. Monitoring should done in chickpea fields. If root rot/ wilt affected plants occurred at fields remove and destroy it immediately is advisable.  |
| COTTON                         | Picking should be done separately in case of multiple varietal sown cotton. Precaution should be taken while picking of cotton that, stubbles, squares, dust particles, hairs etc. should not cling to cotton. Also store the cotton after proper drying separately according to variety is advisable. |
| PIGEON PEA (RED<br>GRAM/ARHAR) | Install pheromone traps @ 5/ha for monitoring of Helicoverpa. Erect bird perches randomly in the field to encourage predation by insectivorous birds. At most of the pigeon pea fields, crop attains pod filling stage, in which for   |

| Crop (Stage)                       | Crop Specific Advisory  |
|------------------------------------|---|
|                                    | better production undertake a spray of 00:52:34 fertilizer @ 4-5 g per litre of water is advisable. Monitor plume moth & pod fly infestation in pigeon pea crop regularly. If incidence noticed, undertake a spray of Indoxacarb 15.8 % @ 7 ml per 10 L. of water is.   |
| SORGHUM<br>(JOWAR/GREAT<br>MILLET) | For management of aphids and jassids on rabi sorghum crop apply chemical fertilizers according to RDF. Avoid excessive application of Nitrogen is advisable.  |
| WHEAT                              | Farmers are advised to undertake timely sowing of irrigated wheat as early as possible. Wheat seed should treated with Vitavax 75 % WSP @ 2.5 g per kg seed and also Azotobacter and PSB each @ 250 g per 10-12 kg of seed, prior to sowing. Farmers should use 100 kg/ha seed which is recommended for timely sown irrigated wheat. According to RDF for irrigated timely sown wheat crop @ 100:50:50 NPK kg/ha, apply half dose of N along with full dose of P & K at the time of sowing. |

#### Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory   |
|----------------------|--|
| ACID LIME            | For management of hasta bahar in acid lime undertake spray of potassium nitrate 2% at release of moisture stress. Undertake recommended manuring/fertilization as per age of orchard trees.  |
| BRINJAL              | For management of shoot borer and fruit borer in brinjal take a spray of Chlorantraniliprole 18.5 SC @ 4 ml or Chlorpyriphos 20 EC @ 20 ml or Cypermethrin 10 EC @ 11 ml per 10 liter of water by judging predicted spells of rains.                 |
| CHILLI               | Prevailing climate is congenial for incidence of thrips in chilli crop. For the management of the same, undertake a spray of Entomopathogenic fungus Verticillium lecani @ 40 g per 10 L. of water.  |
| GUAVA                | Due to present weather conditions incidence of fruit fly may increases in guava orchard. Hence install Rakshak traps for the management of fruit fly is advised. The basins of fruit trees should mulch with grasses, leaves to prevent weed growth. |
| ONION                | For the control of thrips on onion seedlings in nursery, undertake a spray of Quinolphos 25 % EC @ 12 ml + 50 ml Sandovit per 10 L of water is advisable.  |
| MANDARIN ORANGE      | Orchard ( mandarin orange) bearing fruits of Mrig Bahar should irrigate periodically is advisable. The basins of fruit trees should mulch with grasses, leaves up to 4 inch thickness.   |

#### Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory  |
|---------|--|
| BIRD    | Protect poultry birds from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs for maintain temperature inside the shade is advisable. |