



## Agromet Advisory Bulletin

Date : 25-11-2022

Weather Forecast of District BULDHANA(Maharashtra) Issued On : 2022-11-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-11-26	2022-11-27	2022-11-28	2022-11-29	2022-11-30
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.4	31.2	30.9	30.6	30.4
Tmin(°C)	13.9	13.7	13.9	13.9	13.8
RH-I(%)	49	47	45	43	41
RH-II(%)	48	46	44	42	40
Wind Speed(kmph)	3.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	63	65	102	83	84
Cloud Cover(Octa)	1	1	1	1	6

### Weather Summary/Alert:

Today IMD issued five days weather forecast for Buldhana district, indicated that dry weather will remain over entire district during next five days. there is no large change expected in minimum temperature. (+2 or -2 Degree Celsius).

### General Advisory:

Irrigation management should be done during early in the morning or at evening with the help of sprinkler irrigation system in germinated chickpea crop. Undertake need based interculture 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. Erect 3-4 'T' shape bird perches per acre to prevent the incidence of H. armigera ( pod borer) on chickpea crop.

### SMS Advisory:

Ensure crop growth stage, soil moisture status while irrigating the crop with micro-irrigation systems. Adopt Integrated Pest-Disease Management approach to control pest-diseases on vegetable crops.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	Gonocephalum spp. Causes damage to chickpea crop at germination phase. To control take a spray of Chlorpyrifos 20 % @ 25 ml per 10 L of water.
COTTON	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.

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Need based protective irrigation is advisable in pigeonpea. 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 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 advised.
SORGHUM (JOWAR/GREAT MILLET)	Undertake 2 to 3 intercultural operation in vegetative growth period of rabi sorghum to remove the weed and if required 1 to 2 hand weeding is advisable. Need based protective irrigation is advised if source of irrigation is available. 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 sowing of wheat as early as possible. Wheat seed should be treated with carbendazim @ 2.5 g/kg seed and also Azotobacter and PSB each @ 250 g per 10-12 kg of seed, prior to sowing. According to RDF for irrigated late sown wheat crop @ 80:40:40 NPK kg/ha, apply half dose of N along with full dose of P & K at the time of sowing. For irrigated late sown wheat crop, keep the spacing between two rows i.e. 15 to 18 cm. Precaution should be taken while sowing that, sowing depth keep up to 6 cm.

### Horticulture Specific Advisory:

Horticulture(Varieties)	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 Chlorpyrifos 20 EC @ 20 ml or Cypermethrin 10 EC @ 11 ml per 10 liter of water.
CHILLI	Prevailing regime of minimum temperature 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. Spraying should be done during morning or evening hours preferably.
GUAVA	Due to present weather conditions incidence of fruit fly may increase in guava orchard. Hence install Rakshak traps for the management of fruit fly is advised. The basins of fruit trees should be mulched with grasses, leaves to prevent weed growth.
MANDARIN ORANGE	Orchard ( mandarin orange) bearing fruits of Mrig Bahar should irrigate periodically is advisable. The basins of fruit trees should be mulched with grasses, leaves up to 4 inch thickness.
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.

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	In winter season, animals require quality of ration (feed/fodder). Hence, incorporation of monocots/dicots crops in daily ration (balanced/nutritive) of animals is advisable.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	Protect poultry birds from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs for maintaining temperature inside the shed is advisable.