



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for WASHIM District
 SUVIDE Foundation, Risod,
 Washim



Agromet Advisory Bulletin

Date : 2024-11-19

Weather Forecast of District WASHIM (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)	31.2	31.5	31.6	31.8	31.6
Tmin(°C)	14.5	14.2	14.3	14.7	14.6
RH-I(%)	51	50	45	39	42
RH-II(%)	27	27	27	22	20
Wind Speed(kmph)	3	4	5	5	3
Wind Direction(Degree)	56	71	82	109	120
Cloud Cover(Octa)	0	0	0	0	0

Weather Summary/Alert:

• In Washim district, as per the district level value added forecast given by IMD, Regional Meteorological Centre Nagpur for next five days weather may occurs clear & dry . Maximum temperature will be in the range from 31.2 to 31.8 degree Celsius & minimum temperature will be in the range from 14.2 to 14.7 degree Celsius.

General Advisory:

• Nursery brinjal, tomato and cauliflower seedlings should be planted in the field at the age of 4 to 6 weeks. Fenugreek, spinach, radish and carrot should be planted in stages. • Monitoring should done in chickpea fields. If root rot/ wilt affected plants occurred at fields remove and destroy it immediately is advisable Prefer micro-irrigation systems for precise use of water.

SMS Advisory:

Monitoring should done in chickpea fields. If root rot/ wilt affected plants occurred at fields remove and destroy it immediately is advisable.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
COTTON	• Cotton picking should done from matured and fully opened bolls is advisable. 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.
PIGEON PEA (RED GRAM/ARHAR)	• To avoid flower drop in Pigeon pea crop spray NAA available in the market in a formulation 4.5 % SL @ 4.4 ml/10 liters of water. • In pigeon pea crop Management of pod borer as per need & ETL. spray Indoxacarb 15.8 % EC @6.6 ml or lambda cyhalothrin 5% EC@10 ml or emamectin benzoate 5% SG @4.4 gm per 10 litre of water.

Crop (Stage)	Crop Specific Advisory
SAFFLOWER	<ul style="list-style-type: none"> In timely sown safflower intercultural operations to maintain weed competition. For higher productivity protective irrigation is advisable in safflower. In case of availability of one irrigation schedule it at 50 days crop stage, for availability of two irrigations schedule it at 30 and 50 days crop stage, for availability of three irrigations schedule it at 30, 50 and 65 days crop stage.
SORGHUM (JOWAR/GREAT MILLET)	<ul style="list-style-type: none"> First hoeing should be done 15 to 20 DAS in Rabi sorghum. Give a protective irrigation 25-30 days after sowing in Rabi sorghum. Top dressing i.e. 87 kg Urea hectare should be given 30 days after sowing in Rabi sorghum.
BENGAL GRAM/ CHICK PEA	<ul style="list-style-type: none"> In timely sown chickpea crop undertake intercultural operations and keep the field weed free. Need based protective irrigation is advisable in timely sown chickpea, if source of irrigation is available. Monitoring should done in chickpea fields. If root rot/ wilt affected plants occurred at fields remove and destroy it immediately is advisable.
WHEAT	<ul style="list-style-type: none"> In timely sown irrigated wheat crop, top dressing of nitrogenous fertilizer (@50 kg per hectare 20-25 after sowing (crown root initiation stage) at the time of irrigation is advisable. Wheat crop should be irrigated first at 18 to 20 days after sowing at crown root initiation stage. Water stress at CRI stage reduces production by up to 33 %. For management of broad leaf weed in wheat crop, spraying should be carry out at 25 to 30 days after sowing Metasulfuron Methyl with 4 g of active ingredient per hectare or 20 g of the herbicide in 500 liters of water.
WHEAT	<ul style="list-style-type: none"> For delayed sowing of irrigated wheat (November 15 - December 15) use varieties – PDKV Sardar (AKAW 4210-6), AKAW 4627, AKW-1071 (Purna), AKW—381, HI 997. Follow seed treatment with Vitavax 75% WP @ 2.5 g / kg seed. Also, seed treatment with Azotobacter and PSB @ 25 g each / kg seed treatment is advisable. Apply 80 kg N, 40 kg P and 40 kg K per hectare for late sowing wheat. For late sowing, apply half dose of nitrogen as well as full phosphorus and potash at the time of sowing and the remaining half dose at the time of first irrigation (18 to 20 days after sowing).

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
GUAVA	<ul style="list-style-type: none"> Harvesting of matured Guava fruits should be carried out. Collect and destroy fallen, disease and pest infected fruits. For management of fruit fly install 5 Pheromone traps per acre in orchard. In newly planted Guava orchard pruning should be done from 45 -60 cm height from ground level.
TURMERIC	<ul style="list-style-type: none"> Irrigate the turmeric crop at an interval of 8-10 days to avoid moisture stress to the crop. Adjust the irrigation interval as per soil type or requirement of crop is advisable. Cover the opened rhizomes with the soil. Timely carry out earthing up. Due to cloudy weather leaf spot, is observed at many places in turmeric crop. for management of leaf spot take a spray of Carbendazim 50% 400 g or Mancozeb 75% 500 g or Copper oxychloride 50% 500 g per acre along during clear weather condition.
MANDARIN ORANGE	<ul style="list-style-type: none"> Apply 108 gms urea and 45 gms muriate of potash per tree to one year old tree. For two year old trees apply double the dose, three times for 3 year and 4 times for 4 year old trees and above. Every care should taken to keep the soil moist during fertilizer application in order to save the loss of fertilizer inputs. In case of incidence of citrus mite, spray dicofol @ 2 ml or propargite @ 1ml or ethion @ 2ml or Wetable sulphur @ 3 g per litre of water. After 15 days second application should be given with either of the two above miticides.
ONION	<ul style="list-style-type: none"> Seed production plot of onion during planting of onion bulbs treated with fungicides.
CHILLI	<ul style="list-style-type: none"> In vegetable crop due to increase in temperature give irrigation as per crop requirement. In chilli fields, for the management of fruit rot, die-back and leaf spot disease, remove disease affected shoots immediately if observed. After that take aspray of Mancozeb @ 25 g or Difenconazole @ 5 ml per 10 liter of water. Repeat the spray 3-4 times at an interval of 15 days.
BRINJAL	<ul style="list-style-type: none"> If seedlings of brinjal (4- to 6-week-old seedling) are ready for transplanting Treat the seedlings of Brinjal in dimethoate 1 ml. + acromicine 0.5 g solution per 1 liter of water for five minutes afterwards transplant in main field on

Horticulture (Stage)	Horticulture Specific Advisory
	ridges and furrow with spacing of 75 X 60 cm. OR 75 X 75 cm. •Apply fertilizer dose per hector 60 kg Nitrogen, 50 kg Phosphorous. Provide irrigation immediately after transplanting.
TOMATO	•If seedlings of tomato (4- to 6-week-old seedling) are ready for transplanting, transplant the seedlings on ridges and furrow with spacing 60 X 60 cm. OR 75 X 60 cm. •Apply fertilizer dose of per hector 75 to 100 kg Nitrogen, 60 kg Phosphorous and 50 kg Potash. Provide irrigation immediately after transplanting.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	•Screening of farm livestock, draught/milch animals for diseases be considered and they be vaccinated for foot and mouth disease (FMD). •Sowing of fodder maize should be done in the month of October – November. Select any one variety from African tall, Manjari or Vijay for sowing.
GOAT	Cold Winter can cause pneumonia in goats. It raises their body temperature and reduces their in-take capacity. Therefore, protect the goats from cold winter is advisable.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	Avoid In the poultry, birds are required warmer during the winter days, so the number of light bulbs should be increase or change height from the ground as needed.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	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.