



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



Agromet Advisory Bulletin

Date : 2025-03-28

Weather Forecast of District WASHIM (Maharashtra) Issued On : 2025-03-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-29	2025-03-30	2025-03-31	2025-04-01	2025-04-02
Rainfall(mm)	0.0	0.0	0.0	0.0	8.9
Tmax(°C)	38.3	38.7	38.8	37.9	36.9
Tmin(°C)	25.3	26.4	27.4	28.4	29.2
RH-I(%)	46	40	50	57	75
RH-II(%)	29	24	35	37	48
Wind Speed(kmph)	16	14	14	9	14
Wind Direction(Degree)	340	90	180	320	270
Cloud Cover(Octa)	0	0	3	2	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

•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 during 29th March to 1st April & very light to light rainfall may occurs at one/two (isolated) places on 2nd April 2025.
 •Maximum temperature is likely to be 36.9 to 38.8 degree Celsius whereas minimum temperature is likely to be 25.3 to 29.2 degree Celsius during next 5 days.

Weather Warnings (Valid Till 08:30 IST of the next day)

No Warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Nil

General Advisory:

•Irrigation should be given as per crop need and soil moisture condition. while irrigating the crops to prefer drip or sprinkler irrigation system. •Deep ploughing in the field is advised immediately after harvesting of rabi crops to bury stubbles and to control soil born pest and diseases. Which may increase infiltration rate and moisture retention capacity of the soil. •Irrigation should be done with the help of sprinkler irrigation system during early in the morning or at evening.

SMS Advisory:

•Considering the dry weather and temperature forecast it is advised to apply need base irrigation to fruit orchards, vegetables and summer field crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	<ul style="list-style-type: none"> • Summer sesame crop should be irrigated as per soil moisture condition and avoid water stagnation in to field while irrigating. • In summer sesame crop give 2 to 3 hoeing /weeding to keep the crop weed free till one month from sowing . • In summer sesame crop for the management of aphids and leaf roller undertake a spray of quinalphos 25 % @ 20 ml per 10 litre of water is advisable.
GREEN GRAM	<ul style="list-style-type: none"> • In earlier sown summer green gram undertake need based inter-culture operation and keep the crop weed free. With continued dry weather condition, undertake irrigation during early morning or evening hours. In summer green gram undertake need based irrigation.
GROUNDNUT	<ul style="list-style-type: none"> • For management of sucking pest in summer groundnut, judging a clear weather, undertake spray with Imidacloprid 17.8 % EC @ 2.5 ml OR quinalphos 25%EC @ 14 ml per 10 litres of water. • For the control of Smut and Tikka disease of Groundnut spray with Tebukonoazool 25%WG. @500-750 Gram per/ha in 500 liters of water. • According to variety at the time of last 4545 harrowing earthing up should be done and roll out the drum on crop at 7 to 9 weeks old. Intercultural operation should be avoided Crop (Varieties) Crop Specific Advisory once the pegs formed. • During peg formation to pod development stage, care should be taken to avoid water stress. • If possible, sprinkler should be used for irrigation.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TURMERIC	<ul style="list-style-type: none"> • It is advised to farmer that the harvested produce of turmeric do not allow for sun drying in open places. The drying of turmeric produce after cooking/boiling should be done in shade only. • If allow for drying in open places, necessary arrangements for covering the harvested produced should be done. eg. Tarpaulins, plastic sheet etc.
WATER MELON	<ul style="list-style-type: none"> • Irrigation should be applied at the interval of every 6 to 8 days keeping in mind the rise in temperature and the need of the crop. The interval between two irrigations should be more or less according to the soil type and moisture status and the need of the crop. • After fruit set, the fruits on the vine should be covered with grass or leaves.
MANDARIN ORANGE	<ul style="list-style-type: none"> • Harvest the market ready fruits and sale. • During this month due to 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. • 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. • 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.
BRINJAL	<ul style="list-style-type: none"> • Irrigation management should be done in vegetable crop. • The brinjal constant monitoring of borers by using pheromone traps 4-6 per acre is advised, If insect population is above ETL then spraying of Spinosad @ 3.0 ml/10litre of water is advised against fruit borer. Spraying should be done during clear and clam weather. • In brinjal crop for management of top shoot borer sprayings should be taken of cypermethrin 25 % EC 30 ml in 10 litre of water. • In Brinjal crop, for the control of leaf spot or fruit dropping take a spray of Mancozeb 75 % WP @ 25 g OR Carbendazim 50 % WP @ 10 g per 10 L of water.
CHILLI	<ul style="list-style-type: none"> • For management of Sucking pests in Chilli take a spray of Pyriproxyfen 10 % EC @ 4 ml or Fenprothrin 10 % EC @ 4 ml per 10 liter of water. • Farmers are advised to apply nitrogen fertilizer to chilli crop at 30 days after transplanting @ 37.5 kg per hectare. • Planofix 5 ml mixed with 9 liters of water should be sprayed after 50 and 70 days after planting chillies to reduce

Horticulture (Stage)	Horticulture Specific Advisory
	flower blight. • To control Flower thrips, use Blue Sticky Trap. If ETL crossed use Imamectin benzoate S.G. @ 4 gm per 10 liters of water and spray.
OKRA/ LADYFINGER	• There is possibility of incidence of aphids, hoppers on okra crop If incidence is noticed, spray Dimethoate 30%EC@15 ml per 10 liter or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter of water. For management of sucking pest, place yellow sticky trap into field.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	• The roof of the livestock shed should be covered with grass to protect the livestock from heat. • If the shade is cement or sheet, paint it white colour. For minimize or maintain the under shed temperature . •Don't tie/keep animals in bright sunshine hrs. keep them under shed or shadow. Allow cold/clean water to animals 2-3 times/day. Water keeps them hydrated.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	• There is possibility of increase in temperature, hence in poultry shed increase the water pots and provide adequate and clean drinking water. Also feed should be given in the morning and evening hours. •For protection of Poultry bird from heat cover the sides of Poultry shed with gunny bags and spray the water on it frequently so that temperature inside the poultry remains down. Take care to remain ventilation inside the poultry shed.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Deep ploughing in the field is advised immediately after harvesting of rabi crops to bury stubbles and to control soil born pest and diseases. Which may increase infiltration rate and moisture retention capacity of the soil.
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.

Likely impacts of weather warnings (General)

Nil

Impact based advisories (General)

Nil

Farmers are advised to download Unified Mausam and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightning.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

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Damini MobileApp link : https://play.google.com/store/apps/details