



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



Agromet Advisory Bulletin

Date : 2025-03-18

Weather Forecast of District WASHIM (Maharashtra) Issued On : 2025-03-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-19	2025-03-20	2025-03-21	2025-03-22	2025-03-23
Rainfall(mm)	0.0	0.0	0.0	15.5	0.0
Tmax(°C)	37.9	37.8	36.5	36.9	36.5
Tmin(°C)	25.7	26.3	25.5	24.9	24.8
RH-I(%)	52	55	64	45	43
RH-II(%)	34	33	40	28	25
Wind Speed(kmph)	14	11	18	14	11
Wind Direction(Degree)	210	230	90	335	50
Cloud Cover(Octa)	2	6	6	5	2
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

As per the district level value added forecast given by, IMD, RMC, Nagpur, sky will be clear to partly cloudy during next 5 days i.e. 19 to 23 March, 2025. Weather is very likely to be dry during 19, 20, 21 & 23 March, 2025. Light to moderate rainfall is very likely to occur at isolated places on 22 March, 2025. • During next 5 days, Maximum temperature is likely to be occurs between 36.5 to 37.9 degree Celsius, whereas minimum temperature is likely to be occur between 24.8 to 26.3 degree Celsius

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

• Thunderstorm with lightning accompanied with gusty winds (40-50 kmph) likely to occur at isolated pockets on 22 March, 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Thunderstorms and lightning can cause injury or death to livestock, farmers or farm workers. Strong winds can cause fruit to fall from trees, damage to barns or stored fodder in the field. Rain can damage mature crops and spoil the crop. Rain can cause agricultural produce brought for sale by farmers to the Agricultural Produce Market Committee or open markets to spoil when exposed to rain.

General Advisory:

• Considering the forecast of possible rains after the next 72 hours, priority should be given to completing the harvesting and threshing of mature wheat, safflower and other Rabi season crops before the next 72 hours. The harvested crop should be stored in a dry and safe place. If threshing is not possible, the harvested crop should be covered with a plastic sheet or tarpaulin. • Intercultural operations (hoeing, weeding, etc.) in seasonal crops, orchards, vegetable crops, spraying of agrochemicals for pest and disease management and fertilizer application in standing crops should be completed before the next 3 days. • Considering the forecast of thunder, lightning and wind, livestock

should be avoided from grazing in open grazing areas. Fodder and water should be provided to the animals in the barn. While working in the field, as soon as there is a thunderstorm, take shelter in a safe place. Considering the past incidents in the district, avoid taking shelter under palm, neem and any other tree during thunderstorms. • Considering the forecast of stormy winds, marketable fruits and vegetable crops should be harvested and sold. Fruit trees should be supported with the help of a tree stump. • To prevent damage to the agricultural produce brought for sale by farmers to the Agricultural Produce Market Committee or open market, avoid storing agricultural produce in the open, store agricultural produce in sheds.

SMS Advisory:

• Thunderstorm with lightning accompanied with gusty winds (40-50 kmph) likely to occur at isolated pockets on 22 March, 2025.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SAFFLOWER	•Matured safflower crop should be harvest, threshing & stored at safe place. •If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
WHEAT	•It is advised to complete the harvesting of matured wheat crop and store the harvested and threshed produced in safe and dry places. • If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
SESAME (GINGELLY/TIL)	• Summer sesame crop should be irrigated at 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 .
GROUNDNUT	•Irrigation management should be done in summer groundnut as per required In the crop. • During the initial 6 to 7 weeks of groundnut crop growth stages, do hoeing as needed to keep the field in good condition. •Inter-tillage should not be done after pegging (35 to 40 days after sowing). Only large weeds should be uprooted to increase pod feeding. •Plan to give 300 to 500 kg of gypsum per hectare at 50 % flowering stage to increase production. •In summer groundnut before initiating root shoot to give inter-culture operation with adhering nylon rope for to fill soil at crop root. •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 Tebukonoazoa 25%WG.@500-750 Gram per/ha in 500 liters of water. Spraying operation should be done during the clear and calm weather.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION	•Water requirement of crop, prevailing climate & soil type should taken into consideration while scheduling irrigation to onion. • To control fungal diseases of onion like wilting and leaf spot undertake spraying of Mancozeb 75 % WP @ 25 gm + sandovit sticker 50 ml per 10 liters of water is advocated.
WATER MELON	•Intercultural operations should carried out in watermelon field in order to keep the crop clean and healthy. • 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. •The infestation of leaf miner attack for its control spray profenofos 20ml per 10 liter o water. For control of fruit fly erect 5 Qulure pheromone traps per acre. •After fruit set, the fruits on the vine should be covered with grass or leaves.
MANDARIN ORANGE	• Considering the gusty wind forecast, it is advised to support the plant with bamboo. Harvest the market ready fruits and sale. • During this month due to

Horticulture (Stage)	Horticulture Specific Advisory
	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. • During this month if there is Phytophthora symptoms on the tree trunk then scrap the affected part of the trunk, wash the surface with potassium permanganate solution and apply Mefenoxam MZ-68 paste. Spray Mefenoxam MZ-68 @ 2.50 g/liters or fosetyl Al @ 2.5 g/litre fungicide on the tree covering the whole plant canopy. • 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.
TOMATO	• Considering the gusty wind forecast, it is advised to support the plant with bamboo. Harvest the market ready fruits and sale.
CHILLI	• Tip of chilli seedlings should dipped in mixture of Dimethoate 30 % @ 10 ml + Wettable sulfur 80 % @ 3 gm + Mancozeb 3 gm prior to planting is advised. Planting should be done by maintaining 60 X 60 cm. spacing for irrigated crop. • For management of Sucking pests in Chilli take a spray of Pyriproxifen 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 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.
TURMERIC	• 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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Avoid letting cow, buffalo, goats, sheep, and other cattle's/animals graze in open spaces as there is a possibility of thunderstorms with lightning, gusty winds with rain.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	Provide proper ventilation in the poultry sheds. Applying gunny bags/grass on roof of shed with sprinkling of water is advisable to reduce heat impact. • Poultry birds should fed during morning and evening hours to get rid from heat stress is advisable. • For equal distribution of poultry feed to the birds, it is advised to keep the feed in feed pots twice in a day.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
SOIL TESTING	After harvesting of rabi crops and before ploughing of land farmers are advised to collect the soil samples scientifically from their field and get it tested for soil health and afterwards deep ploughing should be carried out.

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
	Soil testing report helps farmers for balanced use of fertilizers and increase in crop yield. It may also check over expenses on chemical fertilizers.

Likely impacts of weather warnings (General)

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Impact based advisories (General)

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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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