



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



Agromet Advisory Bulletin

Date : 06-09-2024

Weather Forecast of District WASHIM(Maharashtra) Issued On : 2024-09-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-09-07	2024-09-08	2024-09-09	2024-09-10	2024-09-11
Rainfall(mm)	26.4	27.6	13.2	12.3	11.3
Tmax(°C)	29.7	29.6	29.4	29.3	29.2
Tmin(°C)	22.3	22.2	22.1	22.3	22.2
RH-I(%)	84	87	91	93	94
RH-II(%)	57	59	72	81	77
Wind Speed(kmph)	10	17	22	22	24
Wind Direction(Degree)	274	302	298	301	291
Cloud Cover(Octa)	6	5	7	6	6

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 partly cloudy to cloudy & light to moderate rainfall may occurs at scattered places on 07th ,08th ,10th & 11th Sept. 2024 & light to moderate rainfall may occurs at fairly widespread places on 9th Sept. 2024. •Warning : Thunderstorm with lightning likely to occur at one or two places during 9th to 11th September 2024.

General Advisory:

•Install yellow sticky traps/pheromone traps for monitoring of pests in the field. •Harvesting of mature vegetable crops should be done. •Avoid letting cow, buffalo, goats, sheep, and other cattle's/animals graze in open spaces as there is a possibility of thunderstorm with lightning.

SMS Advisory:

•It is suggested to spray alpha-NAA 4.5 SL @ 5 ml /10 litres of water to avoid natural shedding of squares and flowers of cotton.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SOYABEAN	<ul style="list-style-type: none"> •Undertake spray of Indoxacarb 15.8% EC @ 6 - 7 ml or chlorantraniliprole 18.5 SC @ 3 ml per 10 liters of water to control incidence of pod borers during clear weather condition. • Due to rainfall, cloudy & humid weather condition during last few days, For management of leaf spot, rhizoctonia aerial blight, pod blotch and other fungal diseases in soybean ,farmers are advised to spray in the crop clear weather condition with Tebuconazole 25.9 % EC @12.5 ml or Tebuconazole 10 % + Sulphur 65 % WG @20 g or Pyroclostrobin @20 WG 10 g or Pyroclostrobin + Epoxiconazole @15 g in 10 liter of water. •In Soybean crop for increased yields during pod initiation to grain development stage apply 15ppm Gibberellic acid (GA) 1000 ppm (ie GA solution preparation by dissolving 1 gm +GA solvent in 900 ml water) @

Crop (Stage)	Crop Specific Advisory
	using 150 ml GA solution in 10 litre water for spray in calm clear morning weather.
COTTON	<ul style="list-style-type: none"> •Precaution should be taken so that water may not stagnated in crop and drain out excess water from cotton crop. •Weeding should be taken up to avoid competition of weeds with cotton crop. •Due to continuous cloudy condition initial incidence of pink boll worm is observed, For surveillance and trapping of pink boll worm, erect 5 pheromone traps/ha in cotton fields. Destroy trapped adult moth at weekly interval and change the lure once in 20-25 days and undertake spray of 5% NSKE. Upon 5% infested flowers-buds, undertake spray of Indoxacarb 14.5 SC @ 10 ml or Spinetoram 11.7 % SC @ 9 ml or Profenophos 50 % EC @30 ml Quinolphos 20 % AF @ 25 ML OR Chlorpyriphos 20% EC @ 25 ml per 10 litres of water. Undertake plant protection sprays in clear & calm weather after current spell of rains. • Spray 2% urea at flowering stage and 2% DAP at boll development stage of cotton. It is suggested to spray alpha-NAA 4.5 SL @ 5 ml /10 litres of water to avoid natural shedding of squares and flowers of cotton.
COTTON	<ul style="list-style-type: none"> •Due to recent continuous rainy/cloudy weather/water logging condition para wilt symptoms may be observed in cotton, for control undertake drenching with Copperoxychloride 50 WP @ 25 g + urea @100 g in 10 liters of water at symptomatic plants as early as possible. • In cotton sucking pest (Jassid, Aphid, Thrips and Whitefly) to judge the economic injury level as per 1.) Jassid : on an average 2 to 3 jassid per leaf. 2.) Aphids: On an average 10 aphids per leaf or 15 to 20% affected plants. 3). Thrips : on an average 10 thrips per leaf. 4). Whitefly: average 8 to 10 adult flies or 20 nymphs per leaf. Based on this to management of the initial incidence undertake foliar spray application is Acetamiprid 20 % SP 10 gm / 10 Lit of water or imidacloprid 17.8% SL 20 gm / 10 Ltr of water. Spraying should be done during clam and clear weather.
PIGEON PEA (RED GRAM/ARHAR)	<ul style="list-style-type: none"> •Precaution should be taken so that water may not stagnated in crop and drain out excess water from Pigeonpea crop. •Due to recent continuous rainy/cloudy weather/water logging condition wilting/blight symptoms may be observed in pigeonpea, for control undertake drenching with Copperoxychloride 50 WP @ 25 g in 10 liters of water at symptomatic plants. •Due to cloudy weather condition, Initial incidence of leaf eating caterpillar undertake application of Nimboli Arc of 5 % per 10 liters of water on clear weather condition.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TURMERIC	<ul style="list-style-type: none"> •Precaution should be taken so that water may not stagnated in crop and drain out excess water from turmeric crop. •For management of Rhizome fly in turmeric take a spray of Quinalphos 25 % @ 20 ml or Diamethoate 30 % @ 10 ml per 10 liter of water with an interval of 15 days during clear weather condition. (As label claim was not given by Central Insecticides Board for Rhizome fly in turmeric the research recommendation of university is mentioned here). Spraying should be done during clam and clear weather.
MANDARIN ORANGE	<ul style="list-style-type: none"> •To check fruit drop of Ambia bahar spray the citrus tree with 1.5g 2, 4-D or gibberellic acid with 100 gm carbendazim and 1 kg urea mixed in 100 litres of water. •Repeat the spray after 15days if the fruit drop continues. For Ambia bahar crop, muriate of potash 180 g per tree should be applied uniformly by leaving about 3 feet distance around the grown-up tree. • Spraying should be done calm and clear weather. • Installation of methyl eugenol traps at the rate of 20-25 traps per hectare for mass trapping of fruit flies and for effective mass trapping change the lure at every 15-20 days interval.
BRINJAL	<ul style="list-style-type: none"> •Harvesting of mature vegetable crop should be done. Precaution should be taken so that water may not stagnated in crop and drain out excess water from crop. •To control fruit borer in brinjal crop , farmers are advised to take a spray of Cypermethrin 25 EC @ 3 ml per 10 liter of water on non-rainy day.
CHILLI	<ul style="list-style-type: none"> •Harvesting of mature vegetable crop should be done. Precaution should be taken so that water may not stagnated in crop and drain out excess water from crop. •Due to cloudy weather condition and high humidity, there incidence of

Horticulture (Stage)	Horticulture Specific Advisory
	thrips and white fly on chilli crop, spraying should be taken of Emamectin Benzoate 5% WG 4 gm in 10 ml per 10 liters of water.
OKRA/ LADYFINGER	•Harvesting of mature vegetable crop should be done. Precaution should be taken so that water may not stagnated in crop and drain out excess water from crop. •In Okra due to cloudy weather condition incidence of fruit borer take a spray of Quinolphos 25 EC 16 ml per 10 liters of water during clear weather condition.

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 thunderstorm with lightning. • Disinfection/fumigation of shed should be done by using formalin. Sprinkle lime powder and saw dust on floor of shed on floor to minimize moisture and microbial load.
COW	•Lumpy Skin Disease: Symptoms and Prevention: • Formalin, phenyl, sodium hypochloride, etc. should be used for regular disinfection of cowsheds. Regular spraying of herds and animals with medicated water containing safe pyrethroid ingredients like cypermethrin, deltamethrin to control ectoparasitic insects (eg flies, mosquitoes, weevils, fleas etc.). Daily burning of neem leaves and fumigation in cowsheds can prevent infestation of parasitic insects like flies, mosquitoes. Immediately isolate the sick animal and seek veterinary assistance for treatment. Vaccinate healthy animals with goat pox vaccine.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	• The height of the feed pot should be equal to the height of the chicken's back and always fill the feed and water container 2/3. • Avoid moisture or dampness in the Dip litter system of poultry shed. Always Keep dry litter material in poultry shed. • Vaccination against measles and mumps should be given once in six months. Stresswell or Vimerol 3 ml per 100 birds should be given in drinking water to reduce the stress caused by the vaccine.

Others (Soil / Land Preparation) Specific Advisory:

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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.