



Gramin Krishi Mausam Sewa
District Agro-Meteorological Unit Washim
Agro-Met Advisory Bulletin –District Washim

(Sponsored by ICAR New Delhi - Suvide Foundation Krishi Vigyan Kendra, Washim (Karda)
& India Meteorological Department)



Washim District Agromet Advisory Bulletin week No. 37/01

Day & Date - Tuesday, 10.09.2024

Weather Parameters		Weather forecast (Valid for 11 th to 15 th Sept. 2024)				
Date		11/09	12/09	13/09	14/09	15/09
Rainfall (mm)		40.2	28.4	13.6	14.7	11.7
Tem. max . (°C)		29.7	29.6	28.7	28.5	28.4
Tem. min. (°C)						
Cloud cover(Octa)		Cloudy	cloudy	cloudy	Partly cloudy	Partly cloudy
RH-I(%)		23.2	23.3	23.5	22.7	22.8
RH-II(%)		84	87	91	93	94
Wind Speed (km/hr)		57	59	72	81	77
Wind Direction		11	18	23	23	25
Name of Crop	Stage	Agro Advisory				
Forecast	-	<p>•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 widespread places on 11th & 12th Sept. 2024, light to moderate rainfall may occurs at scattered places on 13th Sept. 2024 & light to moderate rainfall may occurs at fairly widespread places on 14th Sept. 2024 & light to moderate rainfall may occurs at one or two places on 15th Sept. 2024.</p> <p>•Warning : Thunderstorm with lightning likely to occur at one or two places on 11th & 12th September 2024.</p>				
General	-	<p>•As per forecast for next two days precaution should be taken so that water may not stagnate in cotton soybean, pigeon pea, orchards and vegetables. •Follow safety measures and use protective aids (hand gloves, mask, shoes etc.)while handling pesticides. •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.</p>				
SMS	-	<p>•In cotton fields, keep close watch on male moths of pink bollworm. Before application of insecticides collect and destroy dropped squares, rosette flowers, premature bolls to suppress the pest population.</p>				
Soybean	Pod development Grain filling	<p>•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.</p> <p>• 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.</p>				
Cotton	Square formation to flowering	<p>•Undertake intercultural operations in cotton at wapasa condition during clear weather.</p> <p>•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</p>				

		<p>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.</p> <ul style="list-style-type: none"> • 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. •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.
Pigeonpea	Branching	<ul style="list-style-type: none"> •Undertake intercultural operations in Pigeonpea at wapasa condition during clear weather. •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.
Turmeric	Tillering stage	<ul style="list-style-type: none"> •Undertake intercultural operations in Turmeric at wapasa condition during clear weather. •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. Cover the rhizome with the help of soil. (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.
Fruit crop	-	<ul style="list-style-type: none"> •Keep the orchard weed free by undertaking intercultural operations under clear and calm weather conditions. •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.
Vegetable	fruiting /Harvesting stage	<ul style="list-style-type: none"> •Harvesting of mature vegetable crop should be done. •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. •To control incidence of leaf curl disease in chilli, undertake a spray of Copper Oxychloride @ 25 gm per 10 liter of water, during calm weather. •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.

Livestock	-	<ul style="list-style-type: none"> • 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.
Livestock	-	<ul style="list-style-type: none"> • 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	-	<ul style="list-style-type: none"> • Provide nutritious feed and fresh, clean and cold water to the birds.
General	-	<ul style="list-style-type: none"> • 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.

This agro advisory bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of Gramin Krishi Mausam Sewa (GKMS), Krishi Vigyan Kendra Karda.

-Sd-
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