



GRAMIN KRISHI MAUSAM SEWA
Agromet Advisory Bulletin for Sub Tropical Conditions of Jammu Region
Issued Jointly by Sher-e-Kashmir University of Agricultural Sciences & Technology Jammu and
India Meteorological Department
Agromet Research Centre, SKUAST-Jammu, Chatha-180009
email:jmu.agrimet@gmail.com



District :KATHUA

No. AUJ/Agromet/GKMS/24-25/1633 - 36

Bulletin No:47/2024-25

Dated:10-09-2024

Phone:0191-2958213

Website: www.skuast.org

Fax: 0191-2263891

Weather summary of previous 5 days 05th to 09th Sept., 2024)

Range of Max. Temperature (^o C)	33.2 – 34.8
Range of Min. Temperature (^o C)	24.0 – 25.8
Range of Relative Humidity (%)	NA
Rainfall (mm)	1.2

Ensembled forecast for next 5 days (0830 hrs 11th to 15th Sept, 2024)

Date	Rainfall (mm)	Tmax (^o C)	Tmin (^o C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (^o)	Cloud Cover (Octa)
11-09-24	3	35	25	80	65	1	10	3
12-09-24	0	35	24	80	60	1	40	2
13-09-24	0	36	24	70	60	1	340	1
14-09-24	0	36	24	70	50	1	10	1
15-09-24	0	36	23	70	50	1	11	1

Chances of light rainfall on 11th September. Sky may remain fair to partially cloudy for next five days. The Maximum Temperature may range from 35^oC to 36^oC while the Minimum Temperature may range from 23^oC to 25^oC. Wind may blow from North North East to North direction with the speed of 1 km/hr. The morning relative humidity may range from 70% to 80% and evening relative humidity may range 50% to 65% during this period.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 11th to 15th Sept, 2024

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Paddy Short duration Early maturing Basmati	Spike initiation Peak vegetative	Give irrigation as per requirement of crop Spray streptomycin sulphate @ 100ppm (1gm/10 litre of water) to control bacterial leaf blight . To control plant hopper , Install pheromone traps @ 1/kanal or spray Imidacloprid 200SL @ 6.25 ml/Kanal during clear weather. During clear weather, spray trycyclozole @ 0.06% to control blast . Spray Flubendiamide @ 0.3ml/ltr of water neem kernel extract 5% @ 25kg/ha to control leaf folder . Apply combination fungicide (mancozeb + Carbendazim) @ 2 gm/ltr of water during clear weather, if brown spot or sheath blight is observed. In field. Give 2-3 sprays at 10-15 days interval. Farmers are advised to spray the crop with a mixture of 3.00 gm of zinc Sulphate, 15 kg Urea and 1 Kg of Zineb per hectare in 500 lt of water during clear weather, if yellowing of leaves from tips is noticed.
Maize	Silking/Tasseling	If stem borer or fall army worm is observed, apply Chlorantraniliprole 18.5 SC (Coragen) @ 7.5ml/kanal or Thiomethoxam @ 0.4ml/ltr of water in whorl in early morning during clear weather.
Kharif Pulses (moong/mash)	Vegetative	Do not let rain water to stagnate in field. Weather is congenial for hairy caterpillar, if observed then destroy



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Late sown	Pre Flowering/ Flowering	young larvae in gregarious phase. If population is high, spray Quinalphos @ 0.03% during clear weather.
Early sown	Flowering/ pod formation	Farmers are advised to manually rogue out yellow leaf plants (mosaic affected) at initial stage of attack. Control vector population (white fly) by spraying malathion 50 EC@ 1ml/lit of water during clear weather.
Summer fodder	first cut/ second cut	Harvesting at second cut to enable timely sowing of toria. Apply N @20kg/ha after cut during clear weather in case of multicut Jowar.
Floriculture:		
Chrysanthemum	Rooted Cutting	First pinching of terminal portion and spray Bavistin @ 0.1% during clear weather to control septoria leaf spot.
French Marigold	Seedling	Transplanting of seedlings in the field is recommended.
Winter annuals	Nursery	Nursery raising of winter annuals is recommended.
Ornithogalum	Bulb planting	Early season planting of bulbs can be.
Vegetables:		
Brinjal/ Tomato/ Okra /cucurbits	Fruiting	To control hairy caterpillar spray chloropyriphos20EC or Dichlorovos 36EC /100 EC @ 2ml/lit of water. For fruit borer install pheromone traps. For mosaic spray imidacloprid @0.3ml/lit of water r.
Rabi season Crop	Sowing	Prepare nursery beds of 1m×3m×0.15m size (L×B×H) for cole crops after receipt of rain when soil attains optimum moisture. For knoll-khol, make 3beds/Kanal); for cauliflower, make 1bed/Kanal; for cabbage, make 1bed/Kanal; for Kale, make 3beds/Kanal. Plough the field at vattar condition and bring it to fine tilth. Sow direct sown vegetables like Methi, Spinach Beet, Coriander, Radish, Carrot, Beet Root and Spinach within first fortnight of September during clear weather for good germination and crop stand.
Sericulture		
Mulberry	Tree plantation	Avoid water logging in newly transplanted mulberry saplings by digging proper exit channels.
Cocoon crop	Harvested cocoons	Cocoon harvested during April month (if not sold) should be loosely packed in muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent and fungal attack till sale of the crop.
Horticulture		
Guava	Young/Bearing	Keep the basin area clean.
Litchi/lemon	Bearing	To control fruit fly in fallen fruits, harvest fruit when hard.
Mushroom	Vegetative	Layering is recommended.
Milky mushroom	Fruiting	After harvesting of crop, farmers are advised not to dispose bags in field but use them for preparation of vermicompost.



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Oyster mushroom	Fruiting	Spray less water on mushroom due to sufficient humidity in atmosphere. Put the yellow light traps for the management of mushroom flies. Malathion @ 0.01% and chlorothalonil @ 0.05% can be sprayed at weekly interval, if disease and insect incidence is observed..
Button mushroom	Booking of spawn	Farmers may go for booking of spawn for upcoming crop.
Apiculture		Protect bee colonies from rains by reducing the entrance. Give need based sugar feeding. Protect bee hive from ants.
Poultry		Vaccinate chicks against new castle disease and gumbroo disease. Spread clean litter material uniformly in the poultry house at thickness of 2-3 inches. Protect chicks from direct contact with rain.
Live stock: Dairy animals/ Sheep & Goat		Deworming of all livestock needs to be done against helminthes with clostanel/ fenbendazole regularly over 3 months. @ 60-80mg/day so as maintain milk yield and health status. Provide clean water for drinking to the animals. Give vaccination against BQ and HS. Ensure green fodder to the livestock. If not vaccinated yet, get the animals vaccinated against foot and mouth and Gal Gotu diseases.
Fisheries	Fingerlings	Apply the screen/netting cloth on the outlets/overflows so that fish stock may not escape out during excessive rains. In case of table size fish/last year stock, farmers may go for partial harvesting. Liming & manuring (on monthly interval) should be done.

DrMahender Singh
I/C Agrometeorology

DrVeena Sharma
Technical Officer