



**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 : SAMBA**

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

Bulletin No:47/2024-25

Dated:10-09-2024

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**Weather summary of previous 5 days (05<sup>th</sup> to 09<sup>th</sup> Sept., 2024)**

Range of Max. Temperature ( <sup>o</sup> C)	NA
Range of Min. Temperature ( <sup>o</sup> C)	NA
Range of Relative Humidity (%)	NA
Rainfall (mm)	32.0

**Ensembled forecast for next 5 days (0830 hrs 11<sup>th</sup> to 15<sup>th</sup> Sept, 2024)**

Date	Rainfall (mm)	Tmax ( <sup>o</sup> C)	Tmin ( <sup>o</sup> C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction ( <sup>o</sup> )	Cloud Cover (Octa)
11-09-24	0	35	24	80	65	1	9	2
12-09-24	0	35	23	80	65	1	95	1
13-09-24	0	36	23	70	60	1	345	1
14-09-24	0	36	23	70	60	1	17	1
15-09-24	0	36	23	70	60	1	40	1

Sky may remain fair for next five days. The Maximum Temperature may range from 35<sup>o</sup>C to 36<sup>o</sup>C while the Minimum Temperature may range from 23<sup>o</sup>C to 24<sup>o</sup>C. 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 60% to 65% during this period.

**Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 11<sup>th</sup> to 15<sup>th</sup> Sept, 2024**

Crop	Stage/Cultural Operation	Weather based Agro- advisories
<b>Paddy</b> Short duration Early maturing  Basmati	Spike initiation  Peak vegetative	Spray streptomycin sulphate @ 100ppm (1gm/10 litre of water) to control <b>bacterial leaf blight</b> . To control <b>plant hopper</b> , Install pheromone traps @ 1/kanal or spray Imidacloprid 200SL @ 6.25 ml/Kanal . , spray tricyclozole @ 0.06% to control <b>blast</b> . Spray Flubendiamide @ 0.3ml/ltr or of water neem kernel extract 5% @ 25kg/ha to control <b>leaf folder</b> . Apply combination fungicide ( mancozeb + Carbendazim) @ 2 gm/ltr of water , if <b>brown spot or sheath blight</b> 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 , if <b>yellowing of leaves</b> from tips is noticed.
<b>Maize</b>	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 .
<b>Kharif Pulses</b> (moong/mash) Late sown  Early sown	Vegetative Pre Flowering/ Flowering  Flowering/ pod formation	Weather is congenial for hairy caterpillar, if observed then destroy young larvae in gregarious phase. If population is high, spray Quinalphos @ 0.03%. 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/ltr of water .
<b>Summer fodder</b>	first cut/ second cut	Harvesting at second cut to enable timely sowing of toria. Apply N



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		@20kg/ha after cut in case of multicut Jowar. Maintain drainage in field.
<b>Floriculture:</b>		
Chrysanthemum	Rooted Cutting	First pinching of terminal portion and spray Bavistin @ 0.1% 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.
<b>Vegetables:</b>		Start nursery making practices for rabi season crops so that all the nurseries get ready by end of September.
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. 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 for good germination and crop stand.
<b>Sericulture</b>		
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.
<b>Horticulture</b>		
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.
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.



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<b>Apiculture</b>		Give need based sugar feeding to colonies. Protect bee hive from ants.
<b>Poultry</b>		Vaccinate chicks against new castle disease and gumbroo disease. Spread clean litter material uniformly in the poultry house at thickness of 2-3 inches.
<b>Live stock:</b> 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.
<b>Fisheries</b>	Fingerlings	In case of table size fish/last year stock, farmers may go for partial harvesting. Liming & manuring (on monthly interval) should be done.

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