



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/24-25/2529 - 32

Bulletin No:71/2024-25

Dated:03-12-2024

Phone:0191-2958213

Website: www.skuast.org

Fax: 0191-2263891

Weather summary of previous 5 days 28th Nov to 02nd Dec., 2024)

Range of Max. Temperature (^o C)	24.0 – 24.8
Range of Min. Temperature (^o C)	10.0 – 10.8
Range of Relative Humidity (%)	NA
Rainfall (mm)	0.0

Ensembled forecast for next 5 days (0830 hrs 04th to 08th Dec., 2024)

Date	Rainfall (mm)	Tmax (^o C)	Tmin (^o C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (^o)	Cloud Cover (Octa)
04-12-24	0	25	11	75	65	1	3	1
05-12-24	0	25	10	75	65	1	6	1
06-12-24	0	24	10	75	60	1	7	1
07-12-24	0	24	10	70	60	1	32	2
08-12-24	0	24	10	70	60	1	50	3

Sky may remain fair to partially cloudy for next five days. The Maximum Temperature may range from 24°C to 25°C while the Minimum Temperature may range from 10°C to 11°C. Wind may blow from North East to North West direction with the speed of 1 km/hr. The morning relative humidity may range from 70% to 75% and evening relative humidity may range from 60% to 65% during this period.

As per Extended Range Forecast (ERF), Rainfall as well as Maximum Temperature may remain below normal limits whereas and Minimum Temperature may remain moderately below normal limits in J&K Subdivision wef 08-12-2024 to 14-12-2024.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 04th to 08th Dec., 2024

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Wheat	Sowing	Farmers are advised to continue sowing of late sown wheat crop varieties (DBW-173, DBW-90, PBW-752, WH-1124 & HD-3059) after light presowing irrigation to attain vattar condition of soil. Treat the seed with tebuconazole 2DS @1.25 g/kg of seed to protect seedling blight and root rot disease. Apply recommended dose of fertilizer as basal dose.
Oilseed		
Gobi sarson	vegetative	Irrigation is recommended. Farmers may go for Hoeing & weeding in 15-20 days old.
Mustard (Late sown)	vegetative	Irrigation is recommended. Farmers may go for Hoeing & weeding in 20-25 days old.
Toria	Flowering	Irrigation is recommended. Install delta sticky traps (5/kanal), if aphid is observed in crop.
Rabi pulses		
Chickpea	Early Vegetative	Irrigation is recommended. Nipping is recommended after irrigation in 3-4 week old crop. Hoeing & weeding is recommended.
Vegetables		
Peas	Vegetative	Staking is recommended.



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Cole crops(cabbage, cauliflower,broccoli, kale&knolkhol)	Transplanting (Medium sown) Head,Curd or knob (Early sown)	Weeding & hoeing is recommended after receipt of rain. Collect and destroy larva. To control cabbage fly, spray Nuvon/cypermethrin @ 1ml.lt of water or spinosad @ 0.5ml/lit of water during clear weather.
Fodder (Berseem) Irrigated	Sowing/early vegetative	Apply urea as top dressing after receipt of rainfall.
Floriculture: Chrysanthemum	Bud initiation	Staking is recommended. Spray bavistin or DM-45 @ 1gm/lit or 2gm/lit respectively to keep away fungal diseases.
Winter season annuals	Seedlings	Give hoeing to 20-25 days old crop.
Rose	Post flowering	Pruning is recommended to remove old flowering shoots so as to enhance the growth of new shoots.
Marigold	Flowering	Pinching is recommended in 30 days old crop.
Gladiolus	Planting	Planting of corms is recommended by end of November
Horticulture Mango/ Citrus/ Guava	Young/Bearing	Protect young plants from low temperature. Remove the stock sprout, suckers and water sprout from budded/grafted plants. During clear weather, Spray 200ppm NAA against mango malformation.
Button mushroom (<i>A bispora</i>)	Spawned bags	Spray chlorothalonil 0.05%, if growth of competitor mould is observed. Maintain strict vigilance. Maintain temperature from 16°C to 18°C and relative humidity to 85%-90% in the cropping room. Provide proper ventilation in the cropping room. Maintain proper hygienic conditions in and around growing rooms. Get compost samples analysed for moisture, pH and presence of ammonia before spawning.
Sericulture: Mulberry	Tree plantation	Prepare basins around mulberry trees. Remove dead wood from mulberry plants.
Silkworm crop	Post Harvest	Cocoons harvested during October should be loosely packed in muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till marketing. Cocoon bags should be kept in well ventilated rooms to avoid dampness.
Apiculture		Migrate colonies to areas having floral resources (near toria/vegetable crops). Provide winter packing to bee colonies to protect them from cold. Reduce the entrance.
Live stock: Dairy animals, Sheeps and Goats		Give Calcium as supplement in the diet of dairy animal as rice straw feeding leads to depletion of Ca levels in the blood thereby reduces milk yield and general health condition. Strategic deworming of all livestock needs to be done by using fenbendazole or closantel.
Fisheries: Fingerling/		In case of appearance of algal bloom in the fish pond, farmers should not further add any manure/fertilizer/feed for some days.



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advanced fingerlings		Remove algal bloom by the addition of fresh water in to the fish pond. Apply regular supplementary feed on daily basis @ 2-3% of estimated total fish biomass in the pond.
Poultry		There should be a good source of light and heat. Maintain proper hygiene as well as ventilation in poultry houses. There should not be hurdling of chicks, maintain the temperature of 37°C. Vaccinate the chicks against infectious bursal disease (IBD) and Gumbroo disease. Deworm the birds.

Ensembled Block Level Forecast for next 5 days (0830 hrs 04th to 08th Dec., 2024) for district Kathua.
 All of the blocks may experience light rain at scattered locations in next 5 days.

DATE	BLOCK NAME	Rain mm	Temp. Max °C	Temp. Min °C	RH Morn. (%)	RH Even. (%)	Wind Speed (kmph)	Wind Direction (deg)	Cloud Cover (octa)
04-12-2024	BAGGAN	0.2	16.4	6.9	42.6	27.9	11	31.6	0
05-12-2024	BAGGAN	0.1	16.7	6.1	37.3	21.1	10.8	30	0
06-12-2024	BAGGAN	0.1	16	5.2	35.7	20	10.3	29.2	0
07-12-2024	BAGGAN	0.1	14.6	4.4	35	17.6	10.7	32.6	0
08-12-2024	BAGGAN	0.1	14	3.5	38.6	21.1	9.7	31.3	2
04-12-2024	BANI	0.5	12.5	3.4	49.1	32.3	9.5	10.8	0
05-12-2024	BANI	0.1	13.2	2.8	41.3	21	10.2	10.1	0
06-12-2024	BANI	0.1	13	2.1	39.6	19.7	9.5	10.8	0
07-12-2024	BANI	0	11.5	1.4	37.9	17.9	9.5	10.8	0
08-12-2024	BANI	0.1	10.7	0.2	41.7	19.8	8.3	17.6	2
04-12-2024	BARNOTI	0.1	23.9	10.8	39.8	25.9	8.5	27.6	0
05-12-2024	BARNOTI	0.1	23.1	9.7	40.2	22.1	8.1	32.2	0
06-12-2024	BARNOTI	0.1	21.7	8.7	38.7	21.6	7.6	25.3	0
07-12-2024	BARNOTI	0.1	21.1	7.5	36.8	19.4	8.5	27.6	0
08-12-2024	BARNOTI	0.1	20.4	8.1	36.8	21.7	8	35.8	1
04-12-2024	BASOHLI	0.3	20.9	9.2	43.3	27.1	12.9	26.5	0
05-12-2024	BASOHLI	0.3	20.4	8.1	39.2	20.4	11.8	27.3	0
06-12-2024	BASOHLI	0.2	19.5	7.2	37	19.9	11.8	27.3	0
07-12-2024	BASOHLI	0.2	18.4	5.9	36.7	18.8	12.1	26.5	0
08-12-2024	BASOHLI	0.3	17.4	6.2	38	20	10	25.6	2
04-12-2024	BHOOND	0.4	13.5	4.5	46.1	29.2	10.2	10.1	0
05-12-2024	BHOOND	0.2	14.1	3.9	39.5	19.9	10.9	9.4	0
06-12-2024	BHOOND	0.2	13.8	3	38.3	18.8	9.9	10.5	0
07-12-2024	BHOOND	0.2	12.2	2.2	37.1	17.6	9.9	10.5	0
08-12-2024	BHOOND	0.2	11.6	1.4	40.4	19.2	8.7	16.9	2
04-12-2024	BILLAWAR	0.2	17.2	7.7	41.7	27.5	11.4	34.7	0
05-12-2024	BILLAWAR	0.2	17.5	6.7	37.4	21.7	10.9	34.2	0
06-12-2024	BILLAWAR	0.2	16.6	5.9	35.7	20	10.4	33.7	0
07-12-2024	BILLAWAR	0.2	15.2	5	34.8	18	10.9	34.2	0



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08-12-2024	BILLAWAR	0.2	14.9	4.2	38.3	21.4	10.4	33.7	2
04-12-2024	DHAR-MAHANPUR	0.2	16	6.9	44.3	28.8	10	12.5	0.2
05-12-2024	DHAR-MAHANPUR	0.2	16.2	5.9	38.2	22.1	10.3	12.1	0.2
06-12-2024	DHAR-MAHANPUR	0.2	15.6	5.1	38.2	20.8	10	12.5	0.2
07-12-2024	DHAR-MAHANPUR	0.2	14.2	4.2	37.1	18.8	9.6	13	0.2
08-12-2024	DHAR-MAHANPUR	0.2	14.1	4.1	40.2	21.3	8.9	21.3	0.2
04-12-2024	DINGA-AMB	0	23.8	10.5	41.8	27.3	7.6	31.4	0
05-12-2024	DINGA-AMB	0.1	22.9	9.7	42.1	22.5	7.4	39.1	0
06-12-2024	DINGA-AMB	0.1	21.6	8.5	40.1	21.8	6.8	32	0
07-12-2024	DINGA-AMB	0.1	20.9	7.6	37.2	20.5	7.5	35.2	0
08-12-2024	DINGA-AMB	0.1	20.2	8.2	37.4	21.6	8.4	39.8	1
04-12-2024	DUGGAIN	0.3	10.8	1.1	51	34	8.2	15.2	1
05-12-2024	DUGGAIN	0.1	11.7	0.4	42.3	23.3	9.2	11.3	0
06-12-2024	DUGGAIN	0.1	11.5	-0.4	40.4	21.1	8.2	15.2	0
07-12-2024	DUGGAIN	0	10.1	-1	38.8	19	8.2	15.2	0
08-12-2024	DUGGAIN	0.1	8.9	-2.5	42.6	21.3	6.8	25.2	2
04-12-2024	DUGGAN	0.6	10.8	-0.9	57.6	32.8	3.9	56.3	1
05-12-2024	DUGGAN	0.1	11.9	-1.4	49.7	23.8	3.6	53.1	0
06-12-2024	DUGGAN	0.3	11.8	-2	47	21	3.9	68.2	0
07-12-2024	DUGGAN	0	10.2	-3.2	44.6	19.1	3.5	66	0
08-12-2024	DUGGAN	0.1	9.4	-3.8	42.3	21	4.3	41.6	2
04-12-2024	HIRANAGAR	0	24.6	10.8	41.4	26.4	6.8	25.2	0
05-12-2024	HIRANAGAR	0.1	23.6	9.8	42.4	23.1	6.4	42.7	0
06-12-2024	HIRANAGAR	0	22.2	8.7	39.9	21.9	5.3	28.3	0
07-12-2024	HIRANAGAR	0.1	21.6	7.8	36.9	19.8	6.5	33.7	0
08-12-2024	HIRANAGAR	0	20.9	8.5	37.1	21.4	7.4	43	1
04-12-2024	KATHUA	0.2	23.7	10.6	40.1	26.3	8.5	27.6	0
05-12-2024	KATHUA	0.2	22.9	9.5	39.6	20.5	8.1	32.2	0
06-12-2024	KATHUA	0.2	21.6	8.4	38.3	20.6	7.6	25.3	0
07-12-2024	KATHUA	0.2	20.9	7.2	36.6	19.1	8.5	27.6	0
08-12-2024	KATHUA	0.2	20.2	7.8	36.7	21	7.5	35.2	1
04-12-2024	KEERIAN-GANGYAL	0.2	25	10.8	46.5	27	5.6	39.8	0
05-12-2024	KEERIAN-GANGYAL	0.2	23.9	9.1	46.7	24.6	5.1	45	0
06-12-2024	KEERIAN-GANGYAL	0.2	22.7	8	44.4	23.5	4.6	38.6	0
07-12-2024	KEERIAN-GANGYAL	0.2	22.1	7.1	39.6	22	5.6	39.8	0
08-12-2024	KEERIAN-GANGYAL	0.2	21.6	7.8	37.1	21.5	6.6	49.4	1
04-12-2024	LOHAI-MALHAR	0.2	14.6	4.9	45.7	30.8	10.2	39.3	1
05-12-2024	LOHAI-MALHAR	0	15.2	4	39.5	23.2	9.8	36	0
06-12-2024	LOHAI-MALHAR	0	14.5	3.2	36.8	20.7	9.4	40.3	0
07-12-2024	LOHAI-MALHAR	0	13.1	2.4	36	18.6	10	40.6	0
08-12-2024	LOHAI-MALHAR	0	12.2	1.1	39.8	22	8.7	41.6	2



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04-12-2024	MAHANPUR	0.2	22	10	41.4	27.2	9.7	26.5	0
05-12-2024	MAHANPUR	0.2	21.4	9	39.1	21.3	9.2	25.5	0
06-12-2024	MAHANPUR	0.2	20.2	8.1	38.3	21.6	9.4	22.6	0
07-12-2024	MAHANPUR	0.2	19.4	6.8	37.2	18.7	9.8	23.7	0
08-12-2024	MAHANPUR	0.2	18.5	7.1	37.5	20.9	9	28.6	1
04-12-2024	MANDLI	0	17.4	7.7	41.7	27.5	11.1	35.7	0
05-12-2024	MANDLI	0	17.6	6.8	37.6	22.5	10.8	36.8	0
06-12-2024	MANDLI	0	16.7	6	35.6	20.1	10.6	35.3	0
07-12-2024	MANDLI	0	15.5	5.1	34.7	18.5	10.8	36.8	0
08-12-2024	MANDLI	0	15.1	4.5	38	21.8	10.3	36.4	2
04-12-2024	MATHEEN	0.1	24.6	10.8	41.4	26.4	6.8	25.2	0
05-12-2024	MATHEEN	0.1	23.5	9.8	42.4	23.1	6.4	42.7	0
06-12-2024	MATHEEN	0.1	22.2	8.7	39.9	21.9	5.3	28.3	0
07-12-2024	MATHEEN	0.1	21.6	7.8	36.9	19.8	6.5	33.7	0
08-12-2024	MATHEEN	0.1	20.8	8.4	37.1	21.4	7.4	43	1
04-12-2024	NAGRI	0.1	23.8	10.7	40.1	26.3	8.2	28.8	0
05-12-2024	NAGRI	0.1	23	9.6	39.9	20.6	7.8	33.7	0
06-12-2024	NAGRI	0.1	21.7	8.5	38.5	20.7	7.6	25.3	0
07-12-2024	NAGRI	0.1	21	7.2	36.7	19.1	8.5	27.6	0
08-12-2024	NAGRI	0.1	20.2	7.9	36.8	21.1	7.7	37.4	1
04-12-2024	NAGROTA-GUJROO	0.1	23.9	10.8	39.8	25.9	8.5	27.6	0
05-12-2024	NAGROTA-GUJROO	0.1	23.1	9.7	40.2	22.1	8.1	32.2	0
06-12-2024	NAGROTA-GUJROO	0.1	21.7	8.7	38.7	21.6	7.6	25.3	0
07-12-2024	NAGROTA-GUJROO	0.1	21.1	7.5	36.8	19.4	8.5	27.6	0
08-12-2024	NAGROTA-GUJROO	0.1	20.4	8.1	36.8	21.7	8	35.8	1

Apply fertilizers and plant protection measures during clear weather

DrMahender Singh
I/C Agrometeorology

DrVeena Sharma
Technical Officer