

**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/24-25/318 - 21	Bulletin No:10/2024-25	Dated:03-05-2024
Phone:0191-2958213	Website: www.skuast.org	Fax: 0191-2263891

Weather summary of previous 5 days 28th April to 02nd May, 2024)

Range of Max. Temperature (°C)	27.4 – 34.8
Range of Min. Temperature (°C)	16.0 – 20.8
Range of Relative Humidity (%)	NA
Rainfall (mm)	4.6

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

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
04-05-24	0	33	18	70	60	1	16	3
05-05-24	0	33	18	60	50	1	25	3
06-05-24	0	34	19	60	50	1	10	2
07-05-24	0	34	20	60	50	1	45	1
08-05-24	0	35	20	60	50	1	30	1

Sky may remain fair to partially cloudy for next five days. The Maximum Temperature may range from 33°C to 35°C while the Minimum Temperature may range from 18°C to 20°C. Wind may blow from North Northerly Easterly to Northerly Easterly direction with the speed of about 1 km/hr. The morning relative humidity may range from 60% to 70% and evening relative humidity may range from 50% to 60% during this period.

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

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Wheat	Physiological maturity/Harvesting/Threshing	Farmers may go for harvesting of crop due to clear weather. Threshing of crop is recommended after proper drying. Store the threshed wheat grain after proper drying. Clean and disinfect the store bins before storage of crop.
Mustard	Threshing	Threshing of crop is recommended after proper drying. Clean and disinfect the store bins before storage of crop.
Pulses Summer pulses (moong/mash)	Sowing	Farmers may go for sowing of Mash (var.) Pant U-19, Uttara and Moong (var.) PDM-54, ML-131, ML 818, PS-16, PS-7at vattar condition of soil.
Chickpea/lentil/Field pea	Harvesting	Farmers may go for harvesting of crop due to clear weather. Threshing of crop is recommended after proper drying.
Fodder Summer fodder	Sowing	Farmers may go for sowing of summer fodder (maize+cowpea+charri) and bajra.
Floriculture Summer annuals	Nursery Seed	Farmers can resort to nursery land preparation for summer annuals of soil. Add 5kg FYM/ m ² at the time of land preparation.
	Early vegetative	Hoing and weeding is recommended.
Chrysanthemum	Mother stock	Cover Mother stock with shade net.



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Ornithogalum/ Rose	Full bloom	Hoing and weeding is recommended.
Vegetables: Cucurbits	Vegetative stage	Install 5 pheromone traps per kanal, if fruit fly is observed. Spray Dithane M-45 @2-5gm/ltr of water to control downey mildew.
Tomato/brinjal	Fruiting/flowering/ vegetative	Monitor tomato crop for leaf curl. Remove virus infected plants. Spray imidacloprid @ 0.5ml/ltr of water to check further spread of disease by whitefly. If yellow leaves (YVMV) are observed, uproot and bury deep in soil and wash hands after that.
Okra	vegetative	
Horticulture: Mango/Citrus/ Guava	Young/ Bearing	White wash the tree trunks with slaked lime and copper sulphate against sunburn and fungal diseases. Spray 2,4-D @ 10ppm against citrus fruit drop in citrus. Spray dimethoate @ 1ml/ltr against hoppers in mango.
Button mushroom Oyster mushroom	Spawn run	Open the bags after complete spawn run (15-20 days). Maintain temperature to 22-28°C and humidity to 85-90%.
Button Mushroom	Fruiting	Temperature to be maintained for Button Mushroom produced in upper reaches of Jammu region is 16-18°C and humidity to be maintained at 85-90%.
Sericulture Silkworm crop	Harvested cocoon crop	Keep the bags in wire mesh covered racks to avoid rodent attack till marketing. Keep cocoon bags in well ventilated rooms to avoid dampness.
Apiculture		It is the right time to start bee keeping especially for beginners as pollen and nectar are in plenty and bee activity is at its peak. Migrate bee colonies near to floral resources and shady places. Prepare colonies for honey flow. Ensure water availability near beehives.
Poultry		Avoid hurdling of chicks. Adequate clean drinking water should be available all the time. Provide starter feed for first 14 days and provide finisher feed from 15 th day till sale. Proper hygiene should be maintained. Give vaccination against infectious bursal dermatitis IBD & Gumbroo at 7 th & 14 th day after birth.
Fisheries Carp farming	Advance Fingerlings/ yearlings	Add supplementary feed (mustard oilcake and Rice/Wheat bran) @ 3% of total fish biomass on daily basis. Farmers may go for partial harvesting/sale of marketable size Farmers should go for liming (250-300kg/ha/yr) and manuring applications (10-20tons/ha/yr) at monthly interval in equal doses. Farmers who are going to stock new seeds of fish in next month may go for pre-stocking management practices such as dewatering and sun drying (if possible), liming, manuring etc.
Live stock: Dairy animals/		Provide hay of green forage like stala, lobia, maize, jowar and bajra etc. with kadbi and other green grasses to the milch animals to increase milk production and also to prevent from bloat (aafara).



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Ensembled Block Level Forecast for next 5 days (0830 hrs 04th to 08th May, 2024) for district Kathua
 Weather may remain clear for next 5days in all the blocks except for Lohai Malhar and Duggan where there are chances of light rain in next 4 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)
04-05-2024	Baggan	0	32.3	19.4	37	15	12	23	6
05-05-2024	Baggan	0	33.5	18.7	36	15	12	27	2
06-05-2024	Baggan	0	32.8	19.1	32	14	12	26	0
07-05-2024	Baggan	0	33.3	19.8	32	16	12	26	2
08-05-2024	Baggan	0	33.2	20.3	29	14	12	23	0
04-05-2024	Bani	0.8	31.1	18.6	58	25	11	23	8
05-05-2024	Bani	1.5	28.9	17.3	58	31	11	27	4
06-05-2024	Bani	0.3	31.3	17.9	48	25	11	26	0
07-05-2024	Bani	0.5	32.2	18.5	48	27	11	26	3
08-05-2024	Bani	0	32.3	19.4	42	25	12	26	0
04-05-2024	Barnoti	0	33.6	20.6	29	11	13	23	7
05-05-2024	Barnoti	0	34.3	20	25	10	12	19	2
06-05-2024	Barnoti	0	34.6	19.9	24	11	12	26	0
07-05-2024	Barnoti	0	35.2	20.9	24	12	11	23	0
08-05-2024	Barnoti	0	35	21.1	23	11	11	23	0
04-05-2024	Basohli	0	32.1	19.9	33	12	13	20	6
05-05-2024	Basohli	0	31.8	19.3	34	12	15	19	2
06-05-2024	Basohli	0	32.5	19.6	28	11	13	23	0
07-05-2024	Basohli	0	33.1	20.5	26	13	13	23	2
08-05-2024	Basohli	0	32.8	20.5	24	12	12	23	0
04-05-2024	Bhoond	0	31.7	19.2	40	14	11	23	7
05-05-2024	Bhoond	0	31.5	18.4	40	16	12	27	3
06-05-2024	Bhoond	0	31.8	18.8	33	14	12	26	0
07-05-2024	Bhoond	0	32.3	19.5	32	16	12	26	3
08-05-2024	Bhoond	0	32.2	20.1	29	14	11	26	0
04-05-2024	Billawar	0	32.4	19.5	36	15	12	23	6
05-05-2024	Billawar	0	33.4	18.8	34	14	12	27	2
06-05-2024	Billawar	0	33	19.1	31	13	12	26	0
07-05-2024	Billawar	0	33.5	19.8	31	15	12	26	2
08-05-2024	Billawar	0	33.4	20.4	28	13	12	23	0
04-05-2024	Dhar-Mahanpur	0	32.1	19.6	36	14	12	23	6
05-05-2024	Dhar-Mahanpur	0	32.7	18.9	35	14	12	26	2
06-05-2024	Dhar-Mahanpur	0	32.6	19.3	31	13	11	26	0
07-05-2024	Dhar-Mahanpur	0	33	20	30	15	11	26	2



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08-05-2024	Dhar-Mahanpur	0	33	20.4	27	13	11	26	0
04-05-2024	Dinga-Amb	0	33.2	20.6	29	12	13	23	6
05-05-2024	Dinga-Amb	0	34	20	25	11	12	19	1
06-05-2024	Dinga-Amb	0	34.3	19.6	24	11	12	23	0
07-05-2024	Dinga-Amb	0	34.8	20.7	25	13	11	23	0
08-05-2024	Dinga-Amb	0	34.6	21.1	23	11	11	23	0
04-05-2024	Duggan	4.4	29.6	17.2	82	57	9	23	8
05-05-2024	Duggan	6.6	26.9	16	78	61	9	32	6
06-05-2024	Duggan	4.3	29.7	16.5	74	57	9	26	2
07-05-2024	Duggan	6	30.6	17	75	58	9	26	4
08-05-2024	Duggan	0.8	30.8	17.8	64	54	9	26	1
04-05-2024	Hiranagar	0	33.3	21	28	12	12	23	6
05-05-2024	Hiranagar	0	34	20.3	25	11	11	360	2
06-05-2024	Hiranagar	0	34.5	20.3	24	11	11	26	0
07-05-2024	Hiranagar	0	35.1	21.3	25	13	9	23	0
08-05-2024	Hiranagar	0	35	21.5	23	11	10	19	0
04-05-2024	Kathua	0	33.7	20.5	28	10	13	23	7
05-05-2024	Kathua	0	34.6	20	25	10	13	19	2
06-05-2024	Kathua	0	34.8	20	23	10	12	23	0
07-05-2024	Kathua	0	35.5	20.9	22	11	11	20	0
08-05-2024	Kathua	0	35.2	20.9	22	10	11	23	0
04-05-2024	Keerian-Gangyal	0	34	20.5	28	10	12	30	7
05-05-2024	Keerian-Gangyal	0	34.7	19.9	26	10	13	18	2
06-05-2024	Keerian-Gangyal	0	35	20	22	10	11	56	0
07-05-2024	Keerian-Gangyal	0	35.7	20.8	22	11	10	30	0
08-05-2024	Keerian-Gangyal	0	35.5	20.9	22	10	11	56	0
04-05-2024	Lohai-Malhar	1.2	31.3	18.6	64	30	9	23	8
05-05-2024	Lohai-Malhar	1.1	30.4	17.7	61	33	8	28	4
06-05-2024	Lohai-Malhar	0.3	32.1	18.2	53	26	9	26	2
07-05-2024	Lohai-Malhar	1.7	33	18.7	57	28	9	26	3
08-05-2024	Lohai-Malhar	0	33.4	19.8	46	26	9	26	0
04-05-2024	Mahanpur	0	32.5	19.9	33	13	12	20	6
05-05-2024	Mahanpur	0	33	19.3	32	12	13	23	2
06-05-2024	Mahanpur	0	33.1	19.5	28	12	11	26	0
07-05-2024	Mahanpur	0	33.7	20.3	27	14	11	26	2
08-05-2024	Mahanpur	0	33.5	20.6	25	12	11	26	0
04-05-2024	Mandli	0	32.5	19.6	35	15	13	23	6
05-05-2024	Mandli	0	32.9	18.9	32	13	12	27	1
06-05-2024	Mandli	0	33.3	18.8	30	13	13	23	0



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07-05-2024	Mandli	0	34	19.6	30	15	13	26	1
08-05-2024	Mandli	0	33.8	20.3	28	13	13	23	0
04-05-2024	Matheen	0	33.6	20.9	28	12	12	23	6
05-05-2024	Matheen	0	34.2	20.2	25	10	11	11	2
06-05-2024	Matheen	0	34.8	20.3	24	11	11	26	0
07-05-2024	Matheen	0	35.3	21.3	24	12	10	23	0
08-05-2024	Matheen	0	35.2	21.4	23	11	10	19	0
04-05-2024	Nagri	0	33.7	20.5	28	10	13	23	7
05-05-2024	Nagri	0	34.6	20	25	10	13	19	2
06-05-2024	Nagri	0	34.8	20	23	10	12	23	0
07-05-2024	Nagri	0	35.5	20.9	22	11	11	20	0
08-05-2024	Nagri	0	35.2	20.9	22	10	11	23	0
04-05-2024	Nagrota-Gujroo	0	33.5	20.5	29	11	13	23	7
05-05-2024	Nagrota-Gujroo	0	34.3	19.9	26	10	13	19	2
06-05-2024	Nagrota-Gujroo	0	34.6	19.9	24	11	12	26	0
07-05-2024	Nagrota-Gujroo	0	35.2	20.8	23	12	11	23	0
08-05-2024	Nagrota-Gujroo	0	35	21	23	11	11	23	0

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