

**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/25-26/484 - 87****Bulletin No:14/2025-26****Dated:16-05-2025****Phone:0191-2958213****Website: www.skuast.org****Fax: 0191-2263891****Weather summary of previous 5 days 11th to 15th May, 2025)**

Range of Max. Temperature (⁰ C)	NA
Range of Min. Temperature (⁰ C)	NA
Range of Relative Humidity (%)	NA
Rainfall (mm)	1.0

Ensembled forecast for next 5 days (0830 hrs 17th to 21st May, 2025)

Date	Rainfall (mm)	Tmax (⁰ C)	Tmin (⁰ C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (⁰)	Cloud Cover (Octa)
17-05-2025	0	40	23	35	20	1	15	1
18-05-2025	0	40	23	35	20	2	25	2
19-05-2025	2	39	24	50	40	2	85	6
20-05-2025	3	38	23	60	50	2	358	5
21-05-2025	0	40	22	40	30	1	55	2

Chances of light rainfall between 18th to 20th May at scattered locations. Sky may remain fair to generally cloudy for next five days. The Maximum Temperature may range from 38°C to 40°C, while the Minimum Temperature may range from 22°C to 24°C. Wind may blow @1 to 2 km/h from North Northeast to North direction. The morning relative humidity may range from 35% to 60%, while evening relative humidity may range from 20% to 50% during this period.

As per Extended Range Forecast (ERF), Rainfall and Maximum Temperature may remain below normal limits whereas Minimum Temperature may remain moderately below normal limits in J&K Subdivision wef 21-05-2025 to 27-05-2025.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 17th to 21st May, 2025

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Rice	Nursery sowing	Farmers may go for nursery sowing of early transplanted rice varieties. (var. IET-1410, K-39, Ratna, PC-19, Jaya) Treat seed with Carbendazim or Bavistin @2gm/Kg before nursery raising. Give irrigation to nursery as per requirement. Incorporate the FYM @ 10-15 tons/ ha at least 15 days earlier to transplanting in the field, where rice is to be transplanted.
Fallow land	Soil solarization	Deep Plough the land with soil turning plough for soil solarization against insect pests and weed infestation. Incorporate well rotten F.Y.M. 15 days prior to sowing in the fields where Kharif maize and paddy are to be sown in June.
Pulses Summer pulses (moong/mash)	Early vegetative	Postpone irrigation due to chances of rainfall. Farmers may go for hoeing and weeding in crop to conserve soil moisture and proper aeration of the roots and to keep the weeds under check.
Green manuring	Germination/ Early Vegetative	Postpone irrigation due to chances of rainfall. The dose of phosphorus recommended for the rice crop to be taken after Daincha should be applied to daincha crop either through single super phosphate or Di ammonium phosphate.



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Vegetables: Cucurbits	Vegetative stage	Apply irrigation as per requirement of crop. Spray chloropyriphos @2 ml/lt. of water during clear weather immediately followed by ash application on wetted leaves in cucurbits for control of red pumpkin beetle. Install 5 pheromone traps per kanal to control fruit fly.
Tomato/brinjal	Fruiting/flowering/ vegetative	Timely harvest the matured fruit in order to avoid spoilage. Monitor tomato crop for leaf curl. Remove virus infected plants. Spray imidacloprid @ 0.5ml/lt of water during clear weather to check further spread of disease by whitefly.
Okra	Vegetative	If yellow leaves (YVMV) are observed, uproot and bury deep in soil and wash hands after that.
Turmeric/ ginger	Early Vegetative	Keep the field free of weeds.
Floriculture Summer annuals	Nursery Seed	Apply irrigation as per requirement of crop. Sowing of nursery of Summer annuals is recommended.
Chrysanthemum	Mother stock	Chrysanthemum propagation through root cutting is recommended.
Rose	Flowering	Hoeing and weeding is recommended to conserve the soil moisture.
Fodder Summer mixe3d fodder	Vegetative	Apply irrigation as per requirement of crop. Top dressing of nitrogenous fertilizer in summer fodder (maize+cowpea+charri) and bajra is recommended after rainfall, if not applied yet.
Mushroom Milky mushroom	Spawn run	Maintain temperature of cropping room between 25°C - 30°C for proper spawn run. Maintain 90-95% humidity in cropping rooms. Spray chlorothalonil @ 0.5% and deltamethrin @ 0.01% to control competitor fungi. Farmers interested in growing milky mushroom may book the spawn of milky mushroom as the season will continue up to end of July.
Horticulture Guava /Mango/ Citrus	Young/Bearing	Apply irrigation as per requirement of crop in young plants. Remove water suckers. Spray 2,4-D @ 10ppm during clear weather against citrus fruit drop in citrus.
Sericulture: Mulberry	Tree plantation	Mulberry Farm/individual mulberry trees should be irrigated periodically at an interval of 15-20 days.
Bivoltine cocoon crop	Disinfection of rearing halls/ appliances	Rigorous disinfection of used appliances in the recently completed spring rearing should be adopted with 2-14 per cent formaline solution.



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Apiculture		Protect colonies from high temperature by shifting to shady areas or migrate to cooler places or cover them with wet gunny bags. To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water.
Fisheries Carp farming	Fry/ yearlings	Farmers who have stocked fish livestock in their ponds are advised to maintain proper water level in their fish ponds.
Poultry		Adequate clean drinking water should be available all the time. Proper hygiene should be maintained. Give vaccination against infectious bursal dermatitis IBD & Gumbroo at 7 th & 14 th day after birth.
Live stock Dairy animals/ Sheep & Goat		Due to chances of increase in temperature and hence, for preventing animals from heat stress during hot weather conditions following points may be kept in mind: <ol style="list-style-type: none"> 1. Provide an adequate amount of fresh cool and clean drinking water 2. Plant shady trees around the sheds. 3. Provide water baths 3-4 times in a day. 4. Install fans and desert coolers for high-yielding animals. 5. Sprinkling of water in sheds to reduce heat stress. 6. Good quality green leguminous and non-leguminous fodders. Maize and bajra. Urea treatment of dry straw/fodder. 7. Increase protein content in animal ration by 2%. 8. Mineral mixture should be supplemented in the diet.

Ensembled Block Level Forecast for next 5 days (0830 hrs 17th to 21st May, 2025) for district Samba.

Chances of light rainfall at scattered locations in Nud block in next 5 days.
 Rest of the blocks may experience light rainfall at scattered on 17th, 20th & 21st May.

Date	Block Name	Rain mm	Temp. Max °C	Temp. Min °C	RH Morn. (%)	RH Even. (%)	Wind Speed (kmph)	Wind Direction (deg)	Cloud Cover (octa)
17-05-2025	Ghagwal	0.1	41.9	25.5	35.2	20.8	9.2	45	0
18-05-2025	Ghagwal	0	42.7	25.9	34	19.3	6.6	45	0
19-05-2025	Ghagwal	0	43.5	26.5	34.2	18.4	7.6	64.6	1
20-05-2025	Ghagwal	0.7	42.7	26.8	38.6	22.5	7.6	58.6	4
21-05-2025	Ghagwal	0.3	42.2	27	40.8	28	8.5	62.3	1
17-05-2025	Nud	0.2	41.2	23.7	38.8	21.4	12	41.3	0
18-05-2025	Nud	0.1	42.2	24	36.5	19.9	10.5	40.8	0
19-05-2025	Nud	0.1	43	24.9	36.4	19.7	10	49.4	1
20-05-2025	Nud	1	42	26	41.4	22.1	9.2	51.3	4
21-05-2025	Nud	0.3	41.7	26.2	40.5	27.8	8.7	48.3	1
17-05-2025	Purmandal	0.1	42.6	25.6	33.5	19.4	10.4	43.6	0
18-05-2025	Purmandal	0	43.2	25.9	32.2	18.7	8.1	45	0
19-05-2025	Purmandal	0	44.2	26.7	33.5	19.2	6.9	62.1	1
20-05-2025	Purmandal	1.1	43.2	27.8	37.4	22.1	7.8	56.3	4
21-05-2025	Purmandal	0.2	43	27.5	37.6	26.2	8	63.4	1



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17-05-2025	Purmandal-Baribrahamna	0.1	42.4	25.9	36	21.1	7.9	43.1	0
18-05-2025	Purmandal-Baribrahamna	0	43.2	26	33.9	19.6	5.1	50.7	0
19-05-2025	Purmandal-Baribrahamna	0	44	26.9	32.1	19.5	7.3	78.7	1
20-05-2025	Purmandal-Baribrahamna	1.3	43.2	27	43.2	22.1	6.7	74.5	4
21-05-2025	Purmandal-Baribrahamna	0.2	42.8	27.4	38.8	27.4	8	79.7	1
17-05-2025	Rajpura	0.1	41.9	25.5	34.8	21.3	9.2	45	0
18-05-2025	Rajpura	0	42.7	25.9	33.4	19.8	6.6	45	0
19-05-2025	Rajpura	0	43.5	26.5	33.6	19.3	7.9	65.8	1
20-05-2025	Rajpura	0.8	42.7	26.9	38.1	22.7	7.6	58.6	4
21-05-2025	Rajpura	0.4	42.2	27	40.2	27.8	8.7	65.5	1
17-05-2025	Ramgarh	0.1	42.5	25.9	34.8	20.2	7.6	45	0
18-05-2025	Ramgarh	0	43.2	26.1	32.8	19.2	5.2	56.3	0
19-05-2025	Ramgarh	0	44.1	27	31	19.4	6.9	84	1
20-05-2025	Ramgarh	1.4	43.2	27.2	42.7	22.6	5.9	76	4
21-05-2025	Ramgarh	0.2	42.9	27.5	37.6	26.9	8	82.2	0
17-05-2025	Samba	0.1	42.4	25.9	36	21.1	7.9	43.1	0
18-05-2025	Samba	0	43.2	26	33.9	19.6	5.1	50.7	0
19-05-2025	Samba	0	44	26.9	32.1	19.5	7.3	78.7	1
20-05-2025	Samba	1.3	43.2	27	43.2	22.1	6.7	74.5	4
21-05-2025	Samba	0.2	42.8	27.4	38.8	27.4	8	79.7	1
17-05-2025	Sumb	0.2	39.7	23.6	36.4	21.5	12	46.2	0
18-05-2025	Sumb	0	40.6	23.9	34.5	19.9	9.9	46.4	0
19-05-2025	Sumb	0	41.2	25	34.9	19.3	9.3	54.4	1
20-05-2025	Sumb	0.7	40.4	25.2	40.2	22.6	9	53.1	3
21-05-2025	Sumb	0.3	40.5	25.6	41.2	28.6	8.3	55.6	1
17-05-2025	Vijaypur	0.1	42.1	24	37.1	20.4	11.2	42.4	0
18-05-2025	Vijaypur	0	42.9	24.2	35.3	19.3	8.9	40.1	0
19-05-2025	Vijaypur	0	43.7	25.2	35	19.4	8	54.1	1
20-05-2025	Vijaypur	1	42.6	26.5	40.5	22.3	7.9	50.5	4
21-05-2025	Vijaypur	0.2	42.4	26.5	38.8	27	7.2	53.1	0

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