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 : JAMMU

No. AUJ/Agromet/GKMS/24-25/210 - 13	**Bulletin No:07/2024-25**	**Dated:23-04-2024**
Phone:0191-2958213	**Website: www.skuast.org**	**Fax: 0191-2263891**

Weather summary of previous 5 days 18th to 22nd April , 2024)

Range of Max. Temperature (^{0}C)	27.6 – 33.8
Range of Min. Temperature (^{0}C)	15.0 – 20.5
Range of Relative Humidity (%)	32 – 94
Rainfall (mm)	15.8

Ensembled forecast for next 5 days (0830 hrs 24th to 28th April, 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
24-04-24	0	34	19	55	30	1	15	2
25-04-24	0	34	19	55	30	1	10	1
26-04-24	0	32	19	55	30	1	360	6
27-04-24	2	31	21	70	50	1	15	8
28-04-24	8	30	21	80	60	1	30	8

Sky may remain partially cloudy to mainly cloudy with **chances of light rainfall from 26th to 28th April 2024**. The Maximum Temperature may range from 30ºC to 34ºC while the Minimum Temperature may range from 19ºC to 21ºC.Wind may blow from North Northerly Easterly to Northerly direction with the speed of about 1 km/hr. The morning relative humidity may range from 55% to 80% and evening relative humidity may range from 30% to 60% during this period.

As per Extended Range Forecast (ERF), Rainfall may remain below normal limits whereas Maximum and Minimum Temperature may remain moderately below normal limits in J&K Subdivision wef 28-04-2024 to 04-05-2024.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 24th to 28th April, 2024

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Wheat	Physiological maturity/Harvesting/ Threshing	Shift threshed crop immediately to safer places. Immediate harvesting of mature crop and threshing of harvested crop is recommended during clear weather. Keep the bundles of harvested crop in stacks and cover them with polythene sheets/Tarpaulin during rain.
Mustard	Threshing	Shift threshed crop immediately to safer places. Keep the bundles of harvested crop in stacks and cover them with polythene sheets/ Tarpaulin during rain.
Pulses Summer pulses (moong/mash)	Sowing	Farmers may complete sowing of Summer Moong and Mash without any further delay with seed @ 1kh/kanal.
Rabi pulses Lentil/Chickpea	pod maturity/ harvesting/threshing	Immediate harvesting of mature crop and threshing of harvested crop is recommended during clear weather. Cover the harvested crop with polythene sheets/ Tarpaulin. Do not let rain water to stagnate in fields.
Fodder Summer fodder	Sowing	Farmers may go for sowing of summer fodder (maize+cowpea+charri) and bajra.
Floriculture Chrysanthemum	Mother Stock	Grooming of mother plant is recommended.

Winter Marigold Summer season marigold	Seed maturation Flowering	Immediate harvesting of seed is recommended. Provide Shade net to protect from scorching heat
Vegetables: Tomato/chilly Cucurbits	Flowering/fruiting Vegetative	Remove virus infected plants. Spray imidacloprid @ 0.5ml/lt of water during clear weather to check further spread of disease by whitefly. Black spots on leaves and drying of vines due to Downey mildew, restrict irrigation to the crop. Spray metalaxyl in combination with carbendazim @ 1gm /lt during clear weather and at 7 days interval to control the disease.
Horticulture: Mango/Citrus/ Guava	Young/ Bearing	White wash the tree trunks with slaked lime and copper sulphate against sunburn and fungal diseases after receipt of rain. Spray 2,4-D @ 10ppm during clear weather against citrus fruit drop in citrus. Spray dimethoate @1ml/lt during clear weather against hoppers in mango.
Button mushroom Oyster mushroom Button Mushroom	Spawn run Fruiting	Open the bags after complete Spawn run (15-20 days). Maintain temperature to 22-28^{0}C and humidity to 85-90%. Temperature to be maintained for Button Mushroom produced in upper reaches of Jammu region is 16-18^{0}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		Provide ample space for newly mated queen for egg laying. It is the right time to start bee keeping especially for the beginners. Artificial feeding of the bee colonies with sugar: water solution 1:1 ratio is recommended. Ensure water availability near beehives.
Poultry		Provide adequate clean drinking water to birds. Give vaccination against Gumboro disease to 7 & 14 days chick. Avoid hurdling of chicks. Maintain proper hygiene in poultry sheds. Provide starter feed for first 14 days and provide finisher feed from 15th day till sale.
Fisheries (Carp Farming)	Advanced 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		Dairy farmers from Jammu districts must vaccinate their livestock (cattle, buffaloes, sheep and goats) against FMD disease. Vaccination is done by the staff of Animal Husbandry and Sheep Husbandry, Jammu.

		H.S (Gal Ghotu) disease is expected among cattle and buffaloes from district Kathua. Farmers must get animals vaccinated through animal and sheep husbandry against HS disease. Sheep and goats from Jammu and Kathua districts need to be vaccinated against Sheep and Goat pox. Vaccination will be done by the staff of Sheep Husbandry. Farmers are advised to feed rice straw after drying in the air, as Dagnala disease due to feeding of fungus infested rice straw has been reported from Samba district.

Ensembled Block Level Forecast for next 5 days (0830 hrs 24th to 28th April, 2024) for district Jammu chances of light rainfall on 24th to 28th April 2024 at scattered locations

DATE	BLOCK NAME	Rain mm	Temp. Max °C	Temp. Min °C	RH Morn. (%)	RH Even. (%)	Wind Speed (kmph)	Wind Direction (deg)	Cloud Cover (octa)
24-04-2024	Akhnoor	0	26	13.5	40	20	9	20	2
25-04-2024	Akhnoor	0	25.8	13.6	34	19	11	20	0
26-04-2024	Akhnoor	0	27.9	14.7	28	15	11	20	5
27-04-2024	Akhnoor	0.5	28.3	16	32	14	11	27	8
28-04-2024	Akhnoor	6.1	24.3	14.7	44	24	16	23	8
24-04-2024	Arnia	0.1	30.1	17.6	40	23	7	360	2
25-04-2024	Arnia	0	31.2	17.7	34	19	8	34	0
26-04-2024	Arnia	0	32.8	18.2	27	15	9	297	3
27-04-2024	Arnia	2.3	33.4	20.1	35	14	9	90	8
28-04-2024	Arnia	9.9	27.8	18.1	48	28	14	27	8
24-04-2024	Bhalwal	0	27	13.9	41	20	10	20	1
25-04-2024	Bhalwal	0	26.9	14.1	35	18	11	20	0
26-04-2024	Bhalwal	0	28.6	15.1	28	15	12	23	5
27-04-2024	Bhalwal	0	29.5	16.9	30	13	12	27	8
28-04-2024	Bhalwal	4.8	25.5	15.6	43	23	17	23	8
24-04-2024	Bhalwal-Brahmana	1.2	24.3	12.7	43	21	8	23	2
25-04-2024	Bhalwal-Brahmana	0	24.5	12.9	35	20	9	20	0
26-04-2024	Bhalwal-Brahmana	0	26.7	13.9	28	16	10	19	4
27-04-2024	Bhalwal-Brahmana	1.9	26.8	14.4	37	15	9	45	8
28-04-2024	Bhalwal-Brahmana	7.3	22.5	13.3	46	26	13	20	8
24-04-2024	Bishnah	0.5	29.1	16.3	42	22	8	30	2
25-04-2024	Bishnah	0	29.9	16.5	34	19	9	30	0
26-04-2024	Bishnah	0	31.5	17.3	27	15	9	297	2
27-04-2024	Bishnah	1	32.3	19.2	33	14	10	68	8
28-04-2024	Bishnah	13.8	26.9	17.1	48	25	14	23	8
24-04-2024	Chowki-	0.3	25.9	13.5	40	20	9	20	2

	Choura								
25-04-2024	Chowki-Choura	0	25.7	13.6	34	19	10	20	0
26-04-2024	Chowki-Choura	0	27.8	14.7	28	15	11	20	5
27-04-2024	Chowki-Choura	0.7	28.2	15.9	33	14	10	30	8
28-04-2024	Chowki-Choura	6.4	24.1	14.6	44	24	15	23	8
24-04-2024	Dansal	0	28	14.6	41	20	10	23	1
25-04-2024	Dansal	0	28.2	14.9	35	18	12	23	0
26-04-2024	Dansal	0	29.9	16.2	28	14	13	26	5
27-04-2024	Dansal	0	31.2	18.2	30	13	14	60	8
28-04-2024	Dansal	5.2	26.9	16.4	45	23	18	45	8
24-04-2024	Kharah-Balli	1.2	23.5	12.2	42	22	8	25	2
25-04-2024	Kharah-Balli	0	23.9	12.5	35	20	8	23	0
26-04-2024	Kharah-Balli	0	26.2	13.5	28	17	10	19	4
27-04-2024	Kharah-Balli	2.4	26.1	13.8	38	15	8	45	8
28-04-2024	Kharah-Balli	6.3	21.7	12.7	48	28	13	23	8
24-04-2024	Khour	0.5	29.1	16.5	42	23	8	30	2
25-04-2024	Khour	0	30.1	16.7	35	19	8	30	0
26-04-2024	Khour	0	31.7	17.4	27	15	9	297	2
27-04-2024	Khour	1.8	32.4	19.2	35	14	9	90	8
28-04-2024	Khour	12.3	26.9	17.2	49	27	14	27	8
24-04-2024	Maira-Mandrian	1.4	25	13.4	44	22	7	23	3
25-04-2024	Maira-Mandrian	0	25.6	13.8	35	20	9	23	0
26-04-2024	Maira-Mandrian	0	27.9	14.6	28	16	10	19	3
27-04-2024	Maira-Mandrian	2.2	28	15.3	39	15	8	27	8
28-04-2024	Maira-Mandrian	5.5	23.2	14.1	46	26	13	19	8
24-04-2024	Mandal-Phallain	0.7	28.1	15.7	42	22	8	23	3
25-04-2024	Mandal-Phallain	0	28.9	15.9	34	19	9	20	0
26-04-2024	Mandal-Phallain	0	30.7	16.6	28	15	9	297	3
27-04-2024	Mandal-Phallain	1.9	31.2	18.2	35	14	9	30	8
28-04-2024	Mandal-Phallain	11.3	26	16.3	48	26	14	27	8
24-04-2024	Marh	0.4	27.4	15	38	19	8	23	2
25-04-2024	Marh	0	27.8	15.1	31	17	10	20	0
26-04-2024	Marh	0	29.7	16.2	25	13	10	26	4

27-04-2024	Marh	0.9	30.2	17.7	31	12	10	56	8
28-04-2024	Marh	10.1	25.4	15.9	41	23	14	23	8
24-04-2024	Mathwar	0.3	28.4	15.6	38	19	8	30	2
25-04-2024	Mathwar	0	28.7	15.8	31	17	9	20	0
26-04-2024	Mathwar	0	30.5	16.8	25	13	10	26	3
27-04-2024	Mathwar	0.6	31.2	18.5	29	12	10	64	8
28-04-2024	Mathwar	12.3	26.1	16.6	42	23	15	23	8
24-04-2024	Miran-Sahib	0.6	28.7	16.1	42	22	8	30	2
25-04-2024	Miran-Sahib	0	29.5	16.3	34	19	9	23	0
26-04-2024	Miran-Sahib	0	31.2	17.1	27	15	9	297	3
27-04-2024	Miran-Sahib	1.4	31.9	18.8	34	14	9	90	8
28-04-2024	Miran-Sahib	12.9	26.5	16.8	48	26	14	27	8
24-04-2024	Nagrota	0	28	14.9	38	19	9	23	2
25-04-2024	Nagrota	0	28.1	15.1	32	17	11	20	0
26-04-2024	Nagrota	0	29.8	16.2	26	13	11	26	4
27-04-2024	Nagrota	0.1	30.7	18	28	12	12	60	8
28-04-2024	Nagrota	7.9	26.2	16.4	41	22	17	25	8
24-04-2024	Pragwal	1.2	25.5	13.6	44	22	8	23	3
25-04-2024	Pragwal	0	26	14	35	20	9	20	0
26-04-2024	Pragwal	0	28.2	14.9	28	16	10	19	4
27-04-2024	Pragwal	2	28.3	15.6	38	15	8	23	8
28-04-2024	Pragwal	6.4	23.7	14.4	46	26	13	23	8
24-04-2024	R.S.Pura	0.4	28.4	15.7	40	20	8	30	2
25-04-2024	R.S.Pura	0	29	15.9	32	18	9	20	0
26-04-2024	R.S.Pura	0	30.7	16.8	26	14	10	297	3
27-04-2024	R.S.Pura	1	31.4	18.6	31	13	10	68	8
28-04-2024	R.S.Pura	12.3	26.2	16.6	45	24	14	23	8
24-04-2024	Samwan	0.3	28.4	15.6	38	19	8	30	2
25-04-2024	Samwan	0	28.7	15.8	31	17	9	20	0
26-04-2024	Samwan	0	30.5	16.8	25	13	10	26	3
27-04-2024	Samwan	0.6	31.2	18.5	29	12	10	64	8
28-04-2024	Samwan	12.3	26.1	16.6	42	23	15	23	8
24-04-2024	Satwari	0.4	28.3	15.7	39	20	8	30	2
25-04-2024	Satwari	0	28.8	15.8	32	18	9	20	0
26-04-2024	Satwari	0	30.6	16.8	26	14	10	297	3
27-04-2024	Satwari	1	31.2	18.5	31	13	10	64	8
28-04-2024	Satwari	12.1	26.1	16.5	44	24	14	26	8
24-04-2024	Suchetgarh	0.4	28.3	15.7	39	20	8	30	2
25-04-2024	Suchetgarh	0	28.8	15.8	32	18	9	20	0
26-04-2024	Suchetgarh	0	30.6	16.8	26	14	10	297	3
27-04-2024	Suchetgarh	0.9	31.3	18.5	30	12	10	64	8
28-04-2024	Suchetgarh	12.2	26.1	16.6	43	24	14	26	8

Dr Mahender Singh
I/C Agrometeorology

Dr Veena Sharma
Technical Officer