GraminKrishiMausamSewa

Agromet Advisory Bulletin for Rajouri District

Sher-e-Kashmir University of Agricultural Sciences and Technology – Jammu
RARS, Tandwal, Rajouri – 185131 (Union Territory of Jammu & Kashmir)

Agromet Advisory Bulletin

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)

Bulletin No: - 08/2024-25/Thursday **Date: 25th April, 2024**
No. AUJ/RARS/Raj/Agromet/2024-25/158

Significant past weather for the preceding 5 days (20th to 24th April, 2024)

Rainfall (mm)	9.4
Maximum Temperature (ºC)	26.6 – 29.0
Minimum Temperature (ºC)	11.0 – 13.2
Relative Humidity (%)	36 – 83

Medium range weather forecast for Rajouri (26th to 30th April, 2024)

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	5	5	10	10
Maximum Temperature (ºC)	27	26	24	24	24
Minimum Temperature (ºC)	11	12	13	13	13
RH Morning (%)	75	80	90	90	90
RH Evening (%)	60	70	80	80	80
Wind Speed (kmph)	1	1	1	1	1
Wind Direction	358	25	80	65	50
Cloudiness (octa)	6	8	8	8	8

*Block level weather forecast (District Model Output) of Rajouri District have been given in Annexure I.

Weather forecast summary:

As per the forecast issued by India Meteorological Department, the sky will remain overcast to generally cloudy with possibility of light rain/thundershowers expected at isolated places during next five days. The maximum temperature may range between 24 to 27 °C and minimum temperature may range between 11 to 13 °C for next five days. Relative humidity may range between 60 to 90%. Wind may blow mainly between North North Eastern (NNE) and Northern (N)direction with the average speed of 1 km/hour.

General Advisory:

- Light rain/thundershowers with Lightning/Hailstorm expected at isolated places during next five days.
- As per Extended Range Forecast System (ERFS), rainfall will remain below normal between 26.04.2024 and 30.04.2024 in the UT of Jammu and Kashmir.

SMS Advisory: Isolated rain/thundershowers likely to be expected during next five days. Avoid harvesting of matured crops till improvement in weather. Also shift the produce of already harvested crops to safer place.

Agro meteorological Advisory:

Crop	Stage	Insect pest/ Diseases Management & other operations	Weather based Agro meteorological advisories
Wheat	**Maturity**	**Harvesting**	- Isolated rain/thundershowers likely to be expected during next five days. Farmers are advised to avoid harvesting of matured wheat crop till improvement in weather. - Also shift the already harvested produce of wheat from crop fields to safer places or cover the harvested produce (if in the field) with polythene sheet.
Oilseed Crops (Mustard)		**Storage**	- Keeping in view the possibility of rainfall during next five days, farmers are advised to shift the harvested produce of mustard from crop fields to safer places or cover the harvested produce (if in the field) with polythene sheet.
***Rabi* pulses (Chick pea & Peas)**		**Storage**	- Farmers are advised to store harvested produce of *rabi* pulses to safer places due to possibility of rainfall during next five days.
Vegetables **Summer Vegetables**	**Transplanting**		- Farmers are advised to undertake transplanting of cucurbits (cucumber, bottle gourd, bitter gourd, sponge gourd and pumpkin) and solanaceous vegetables (tomato, brinjal, chilli and capsicum) subject to availability of clear/dry weather conditions.
	Sowing		- Farmers are advised to go for sowing of following vegetable crops subject to clear/dry weather conditions: • Okra (var. Varsha Uphar, Hissar Unnat and A-4) @ 20 – 25 kg/ha in lower areas. • Turmeric @ 1 – 1.5 q/kanal in lower areas of the district. • French bean (var. contender, Arka Komal and Pusa Parvati) @ 85 kg/ha in temperate areas.
		Insect Pest management	- Farmers are advised to remain vigil on attack of Red Pumpkimn bettle on recently transplanted vegetables of cucurbit family. If observed, spraying of acetamiprid 20 WP @ 0.2 g/litre of water is advised during clear/dry weather conditions.
		Irrigation	- Keeping in view the possibility of rainfall, farmers are advised to avoid irrigation to vegetable crops.
Horticulture (Stone Fruits & Nut Fruits)		**Care/Staking**	- Young fruit plants may be provided staking to avoid damage from adverse weather conditions. - Remove all water/stock sprouts from the plant emerging from stem up to a height of 30 cm from ground level. - Remove tying material from bud/graft union carefully. - Keep the orchards clean from weeds/unwanted plants. - Install insect traps such as light trap, sticky traps and pheromones traps to check insect-pest attack.
		Irrigation	- Rain/thundershowers expected during next five days. Avoid irrigation to fruit orchards.
***Pleurotus* (Dhingri)**			- Farmers are advised for cropping of *Pleurotus Spp.* (Dhingri). - For cropping maintain bag to bag distance 15-20 cm and humidity (70-80%) in the growing room. - Maintain complete hygiene in the cropping room.
Apiculture		**Care /Feed supplement**	- During cloudy/rainy days farmers are advised to not open honey bee colonies. - Keeping in view the present weather conditions, farmers are advised to shift the honey bee colonies towards shady conditions or place them under open straw huts. - Bees need water to dilute honey and to cool the hives during hot weather conditions. Farmers are advised to keep water trough filled with coarse gravel near the hive. It helps bees to spend more time in collecting nectar

			and less time for water collection. - Provide proper ventilation by slightly raising the brood chamber. Make sure that bees do not pass through the ventilation otherwise robbing may be induced. - For protection of ants put the legs of apiary into water so that ants could not attack apiary.
Fisheries (Carp fish culture)	**Fingerlings/ Table size fish**		- Farmers who have stocked fish live stock in their ponds are advised to maintain water level in their fish ponds. - Those farmers who have not still stocked the fish seed in their fish ponds, they may go for fresh stocking of carp fish seeds, available from the reliable sources. - Farmers who have already stocked fish seed, should apply supplementary feed @ 2-5% of total biomass present in the ponds.
Live stock (Dairy animals, sheep and goats)		**Care/Feed supplement**	- Deworming i.e. Panacur @ 10 mg/kg body weight should be done to reduce the parasitic load in animals. - Farmers are advised to keep proper ventilation and hygiene in the cattle sheds. - Farmers are advised to include top feeds i.e. leaves of jamun, guava etc. in the diet of small ruminants to decline the parasitic load.
Poultry		**Care/Feed supplement**	- Farmers are advised to fumigate their poultry sheds before stocking the new lot of chicks to avoid the economic losses. - Grits should be fed along with the whole maize grains for the proper grinding and digestion. - In case of finding symptoms like Influenza/flu in poultry birds, farmers are advised to consult the nearby Veterinary centers and KVKs.

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Annexure "I"

Date: 25-04-2024

Block Level Weather Forecast (District Model Output) for Rajouri District (Valid for next 5 days)

Budhal

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	2.5	5.6	20.9	6.3	13.8
Maximum Temperature (ºC)	23	23.4	22.9	21.7	22.7
Minimum Temperature (ºC)	9.5	9.4	7.7	7.4	5.3
RH Morning (%)	57	57	69	59	70
RH Evening (%)	38	35	41	45	35
Wind Speed (kmph)	10	9	12	9	15
Wind Direction	23	19	153	360	124
Cloudiness (octa)	6	7	7	4	3

New Budhal

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	2.6	5.3	20.4	6.6	13.7
Maximum Temperature (ºC)	23.1	23.5	23	21.8	22.8
Minimum Temperature (ºC)	9.6	9.5	7.8	7.5	5.4
RH Morning (%)	56	57	69	59	70

RH Evening (%)	38	35	41	45	35
Wind Speed (kmph)	10	9	11	9	15
Wind Direction	23	19	45	360	124
Cloudiness (octa)	6	7	7	4	3

Darhal

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0	3	8.2	0.3	3.4
Maximum Temperature (ºC)	21.1	21.1	21	19.2	20.4
Minimum Temperature (ºC)	8.1	8.6	6	5.7	4.1
RH Morning (%)	48	51	66	50	57
RH Evening (%)	31	31	36	31	30
Wind Speed (kmph)	11	10	12	9	13
Wind Direction	15	68	68	27	79
Cloudiness (octa)	5	7	6	3	3

Dhangri

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0	1.9	1.6	4.3	2.8
Maximum Temperature (ºC)	23.6	23.4	23.6	21.1	22.6
Minimum Temperature (ºC)	9.9	9.8	7.7	7.2	6.1
RH Morning (%)	36	41	51	46	48
RH Evening (%)	22	19	26	26	23
Wind Speed (kmph)	11	13	14	13	14
Wind Direction	20	25	68	45	90
Cloudiness (octa)	5	7	6	3	1

Doongi

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0	2.9	2.6	7.3	4.4
Maximum Temperature (ºC)	22.5	22.3	22.5	20.1	21.3
Minimum Temperature (ºC)	9.3	9.2	6.9	6.3	5.4
RH Morning (%)	37	44	54	50	49
RH Evening (%)	22	20	27	27	26
Wind Speed (kmph)	11	14	14	13	14
Wind Direction	23	45	70	45	73
Cloudiness (octa)	5	7	6	3	2

Kalakote

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	0	0.4	0.7	2.6
Maximum Temperature (ºC)	23.7	24.3	23.9	21.4	23.2
Minimum Temperature (ºC)	10.2	10.1	8.2	7.8	6.3
RH Morning (%)	36	36	48	42	50
RH Evening (%)	23	20	24	27	23
Wind Speed (kmph)	12	12	14	13	15
Wind Direction	23	28	60	30	79
Cloudiness (octa)	5	7	7	3	2

Manjakote

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	0.8	2.1	1.4	1.6
Maximum Temperature (ºC)	20.4	21	20.8	18.6	19.7
Minimum Temperature (ºC)	8.2	8.7	5.8	5.5	4.3
RH Morning (%)	39	43	57	44	47
RH Evening (%)	26	23	28	24	25
Wind Speed (kmph)	11	12	13	11	13
Wind Direction	56	45	68	68	68
Cloudiness (octa)	5	6	6	3	2

Moghla

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	0.9	0.4	1.6	2.8
Maximum Temperature (ºC)	24.2	24.5	24.4	21.9	23.7
Minimum Temperature (ºC)	10.5	10.2	8.5	8.1	6.6
RH Morning (%)	34	37	48	42	50
RH Evening (%)	22	18	23	26	23
Wind Speed (kmph)	11	12	13	13	14
Wind Direction	23	28	60	30	79
Cloudiness (octa)	5	7	7	3	1

Nowshera

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	17.9	6.8	18.9	13
Maximum Temperature (ºC)	24.1	23.7	23.3	21.5	21.9

Minimum Temperature (ºC)	10.4	9.1	7.7	6.9	5.8
RH Morning (%)	39	59	67	66	60
RH Evening (%)	23	20	34	29	31
Wind Speed (kmph)	9	12	11	11	10
Wind Direction	23	36	34	30	68
Cloudiness (octa)	6	8	8	4	2

Panjgrain

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0	2.7	2.5	6.6	4.1
Maximum Temperature (ºC)	22.2	22.1	22.3	19.9	21.1
Minimum Temperature (ºC)	9.2	9.1	6.8	6.2	5.3
RH Morning (%)	37	44	54	49	49
RH Evening (%)	23	20	27	28	26
Wind Speed (kmph)	11	14	14	13	14
Wind Direction	30	45	70	45	73
Cloudiness (octa)	5	7	6	3	2

Qila-Darhal

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0.3	20.9	5.6	15.3	6.6
Maximum Temperature (ºC)	25.5	25.1	24.5	22.7	23.4
Minimum Temperature (ºC)	11.4	9.3	8.6	7.7	6.5
RH Morning (%)	36	59	65	65	56
RH Evening (%)	22	19	35	27	28
Wind Speed (kmph)	9	11	9	11	9
Wind Direction	23	54	23	30	45
Cloudiness (octa)	6	8	8	3	2

Rajouri

Weather Parameters	**26/04/24**	**27/04/24**	**28/04/24**	**29/04/24**	**30/04/24**
Rainfall (mm)	0	2.1	2.6	5.2	3.3
Maximum Temperature (ºC)	22.5	22.4	22.5	20.1	21.4
Minimum Temperature (ºC)	9.2	9.3	6.9	6.4	5.4
RH Morning (%)	37	43	53	47	49
RH Evening (%)	23	21	27	28	25
Wind Speed (kmph)	11	13	14	12	14
Wind Direction	20	45	70	45	81
Cloudiness (octa)	5	7	6	3	2

Seri

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	1.5	2.4	4	2.5
Maximum Temperature (ºC)	22.6	22.6	22.7	20.3	21.6
Minimum Temperature (ºC)	9.3	9.4	7	6.6	5.5
RH Morning (%)	37	42	52	46	49
RH Evening (%)	23	21	27	27	24
Wind Speed (kmph)	11	13	14	12	14
Wind Direction	20	45	70	45	81
Cloudiness (octa)	5	7	6	3	2

Siot

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	4.4	0.9	6.1	3.3
Maximum Temperature (ºC)	25.4	25	25.4	22.8	24.7
Minimum Temperature (ºC)	11	10.3	9	8.7	7.1
RH Morning (%)	33	43	51	49	51
RH Evening (%)	20	16	24	24	22
Wind Speed (kmph)	10	13	12	14	13
Wind Direction	23	28	26	25	45
Cloudiness (octa)	5	8	8	3	2

Sunderbani

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	4.8	0.5	7.3	4.1
Maximum Temperature (ºC)	26	26.1	26	23.5	25.6
Minimum Temperature (ºC)	11.6	10.5	9.8	9.1	7.6
RH Morning (%)	32	42	49	49	52
RH Evening (%)	20	16	23	24	20
Wind Speed (kmph)	10	11	11	13	12
Wind Direction	23	28	26	23	27
Cloudiness (octa)	5	8	8	3	3

Thana-Mandi

Weather Parameters	26/04/24	27/04/24	28/04/24	29/04/24	30/04/24
Rainfall (mm)	0	0.6	2.8	1	6.6
Maximum Temperature (ºC)	21.5	20.4	19.8	22.2	19
Minimum Temperature (ºC)	8.6	8.3	7.8	7.5	5.1
RH Morning (%)	47	67	76	65	81

RH Evening (%)	30	32	42	35	43
Wind Speed (kmph)	4	5	8	9	11
Wind Direction	45	15	68	34	338
Cloudiness (octa)	5	8	8	4	7