GraminKrishiMausamSewa

Agromet Advisory Bulletin for Udhampur 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: - 07/2024-25/Tuesday **Date: 23rd April, 2024**
No. AUJ/RARS/Raj/Agromet/2024-25/138

Significant past weather for the preceding 5 days (18th to 22nd April, 2024)

Rainfall (mm)	35.0
Maximum Temperature (ºC)	25.3 – 30.7
Minimum Temperature (ºC)	13.4 – 18.5
Relative Humidity (%)	-

Medium range weather forecast for Udhampur (24th to 28th April, 2024)

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	2	0	0	5	12
Maximum Temperature (ºC)	31	32	32	30	29
Minimum Temperature (ºC)	14	15	15	16	16
RH Morning (%)	80	80	70	85	90
RH Evening (%)	40	40	40	60	70
Wind Speed (kmph)	1	1	1	1	1
Wind Direction	25	18	20	40	55
Cloudiness (octa)	2	2	6	8	8

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

Weather forecast summary:

As per the forecast issued by India Meteorological Department, the sky will remain variably to generally cloudy with possibility of light to very light rain/thundershowers expected at isolated places between 23 – 24 April and 26 – 28 April. The maximum temperature may range between 29 to 32 °C and minimum temperature may range between 14 to 16 °C for next five days. Relative humidity may range between 40 to 90%. Wind may blow mainly between North North Eastern (NNE) and North Eastern (NE) direction with the average speed of 1 km/hour.

General Advisory:

- Isolated light to very light rain/thundershowers expected between 23 – 24 April and 26 – 28 April.
- As per Extended Range Forecast System (ERFS), rainfall will remain normal on 24.04.2024 and 25.04.2024 and below normal between 26.04.2024 and 28.04.2024 in the UT of Jammu and Kashmir.

SMS Advisory: Isolated rain/thundershowers expected between 23 – 24 April and 26 – 28 April. Avoid harvesting of matured crops during said period. 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 between 23 – 24 April and 26 – 28 April. Farmers are advised to avoid harvesting of matured wheat crop during said period. - 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 between 23 – 24 April and 26 – 28 April, 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.
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	- Keeping in view the possibility of rainfall, 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: 23-04-2024

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

Chanunta-Dalsar

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0.8	0	0	0.7	5.6
Maximum Temperature (ºC)	28.9	29.7	31.5	33.2	27.1
Minimum Temperature (ºC)	15.1	15.7	17.1	19	17.7
RH Morning (%)	49	39	31	39	52
RH Evening (%)	24	21	15	14	28
Wind Speed (kmph)	11	12	13	14	16
Wind Direction	68	64	64	68	68
Cloudiness (octa)	2	0	3	8	8

Chenani

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	1.1	0	0	0.9	4
Maximum Temperature (ºC)	26.5	26.6	28.8	30.1	24.3
Minimum Temperature (ºC)	13.1	13.4	14.9	16.4	15

RH Morning (%)	61	51	40	47	65
RH Evening (%)	27	25	19	17	40
Wind Speed (kmph)	11	12	13	15	17
Wind Direction	56	64	64	68	68
Cloudiness (octa)	4	1	4	8	8

Dudu

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	32.4	2.8	0	24.1	38.8
Maximum Temperature (ºC)	27.7	28.7	30.9	32.3	24.4
Minimum Temperature (ºC)	13.7	14.1	15.6	16.3	15.6
RH Morning (%)	82	69	53	77	89
RH Evening (%)	47	44	33	31	67
Wind Speed (kmph)	9	10	10	11	12
Wind Direction	68	64	64	68	68
Cloudiness (octa)	7	2	6	8	8

Ghordi

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	9.6	0.7	0	7.5	18.6
Maximum Temperature (ºC)	28.5	29.5	31.5	33.1	25.9
Minimum Temperature (ºC)	14.6	15.2	16.7	17.9	16.8
RH Morning (%)	64	52	40	56	70
RH Evening (%)	33	30	22	20	44
Wind Speed (kmph)	10	11	12	12	15
Wind Direction	68	34	34	68	69
Cloudiness (octa)	5	0	4	8	8

Jganoo

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0.2	0	0	0	2.5
Maximum Temperature (ºC)	27.8	28.2	30	31.4	26.4
Minimum Temperature (ºC)	14.1	14.7	16.3	18.1	16.6
RH Morning (%)	46	38	31	34	48
RH Evening (%)	21	19	14	13	26
Wind Speed (kmph)	11	13	14	15	19
Wind Direction	56	64	64	68	68
Cloudiness (octa)	2	0	4	7	8

Latti

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	15.5	0.9	0	12.1	22.9
Maximum Temperature (ºC)	27.5	28.2	30.4	31.7	23.9
Minimum Temperature (ºC)	13.4	13.9	15.3	16.3	15.4
RH Morning (%)	74	61	47	66	80
RH Evening (%)	37	35	25	24	57
Wind Speed (kmph)	10	10	11	12	13
Wind Direction	64	64	64	68	68
Cloudiness (octa)	6	1	5	8	8

Majalta

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	1.4	0	0	3.2	4.8
Maximum Temperature (ºC)	23.4	23.8	26.9	28	20.7
Minimum Temperature (ºC)	10.1	10.3	11.6	13.2	11.4
RH Morning (%)	71	63	51	63	69
RH Evening (%)	42	40	28	28	56
Wind Speed (kmph)	7	6	7	7	9
Wind Direction	27	34	56	71	90
Cloudiness (octa)	6	5	4	7	7

Panchari

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0.2	0	0	0	2.4
Maximum Temperature (ºC)	26.3	25.7	27.9	29.1	23.9
Minimum Temperature (ºC)	12.8	13.1	14.7	16.2	14.8
RH Morning (%)	56	48	38	40	59
RH Evening (%)	23	23	17	16	32
Wind Speed (kmph)	11	12	13	14	16
Wind Direction	23	20	20	60	45
Cloudiness (octa)	3	1	4	8	8

Parli-Dhar

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0.2	0	0	0	2.5
Maximum Temperature (ºC)	27.8	28.2	29.9	31.3	26.5
Minimum Temperature (ºC)	14.1	14.7	16.3	18.1	16.6
RH Morning (%)	46	38	30	33	47

RH Evening (%)	21	18	14	13	25
Wind Speed (kmph)	11	13	14	15	19
Wind Direction	56	64	64	68	68
Cloudiness (octa)	2	0	4	7	8

Ramnagar

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	1.4	0.1	0	1.2	6.9
Maximum Temperature (ºC)	28.7	29.6	31.4	33.1	26.9
Minimum Temperature (ºC)	15	15.6	17	18.8	17.5
RH Morning (%)	51	41	32	41	55
RH Evening (%)	25	22	16	15	31
Wind Speed (kmph)	11	12	13	14	16
Wind Direction	68	64	64	68	69
Cloudiness (octa)	3	0	3	8	8

Tikri

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0	0	0	0	6.3
Maximum Temperature (ºC)	27.3	27.1	28.9	30	25.8
Minimum Temperature (ºC)	13.9	14.2	15.5	17.3	15.6
RH Morning (%)	42	37	30	31	46
RH Evening (%)	20	19	14	13	24
Wind Speed (kmph)	10	12	13	14	18
Wind Direction	20	23	23	27	28
Cloudiness (octa)	1	0	5	8	8

Udhampur

Weather Parameters	24/04/24	25/04/24	26/04/24	27/04/24	28/04/24
Rainfall (mm)	0.2	0	0	0	2.5
Maximum Temperature (ºC)	27.8	28.2	29.9	31.3	26.5
Minimum Temperature (ºC)	14.1	14.7	16.3	18.1	16.6
RH Morning (%)	46	38	30	33	47
RH Evening (%)	21	18	14	13	25
Wind Speed (kmph)	11	13	14	15	19
Wind Direction	56	64	64	68	68
Cloudiness (octa)	2	0	4	7	8