



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for Ramban 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)

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Date: 21st May, 2024

No. AUJ/RARS/Raj/Agromet/2024-25/313

Medium range weather forecast for Ramban (22nd to 26th May, 2024)

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	41	42	42	43	43
Minimum Temperature (°C)	21	22	22	23	23
RH Morning (%)	35	35	30	30	30
RH Evening (%)	25	25	20	20	20
Wind Speed (kmph)	1	1	1	1	1
Wind Direction	03	06	12	15	58
Cloudiness (octa)	2	1	2	1	1

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

Weather forecast summary:

As per the forecast issued by India Meteorological Department, the sky will remain partly cloudy with dry weather likely to be expected during next 5 days. The maximum temperature may range between 41 to 43 °C and minimum temperature may range between 21 to 23 °C for next five days. Relative humidity may range between 20 to 35%. Wind may blow mainly in the North North Eastern (NNE) direction with the average speed of 1 km/hour.

General Advisory:

- Hot and dry weather likely to be expected during next five days.
- As per Extended Range Forecast System (ERFS), rainfall below normal, maximum temperature is likely to be above normal and minimum temperature is likely to be below normal over Jammu & Kashmir between 22.05.2024 and 26.05.2024 in the UT of Jammu and Kashmir.

SMS Advisory: Due to prevailing dry and hot weather conditions, farmers are advised to apply light & frequent irrigation in all vegetable crops and fruit plants (especially young plants) in the morning or in the evening hours to avoid moisture stress.

Agro meteorological Advisory:

Crop	Stage	Insect pest/ Diseases Management & other operations	Weather based Agro meteorological advisories
Wheat		Threshing/ Storage	<ul style="list-style-type: none">- Dry weather likely to be expected during next five days, farmers are advised to undertake threshing of harvested wheat crop.- Utilizing the upcoming dry weather conditions, farmers are advised to undertake proper cleaning and drying of wheat produce upto

			recommended level of moisture content (10-12 %) to prevent the produce from any other microbial attack before storage.
Maize (Temperate/ High hill areas)	Vegetative Stage	Intercultural operation	- Farmers are advised carry out intercultural operations in maize crop for better moisture conservation.
Rice nursery		Land preparation	- Time is approaching towards sowing of rice nursery. Farmers are advised to start preparing field for nursery rising. Deep ploughing of field is recommended to expose the eggs of insects to high temperature.
Vegetables Summer Vegetables		Intercultural operations	- Farmers are advised to carry out intercultural operations (hoeing cum weeding) in tomato, brinjal and chilli (25 – 30 days old crops) as well as in one month old (25 - 30 days) okra so that moisture can be conserved.
		Disease management	- Chances of early blight of tomato may appear, farmers are advised to keep vigil on disease development. If observed, farmers may go for chemical management i.e. foliar spray of Mancozeb @ 2 gm/liter of water during clear/dry weather conditions. - There may be chance of bacterial wilt in tomato, brinjal chilli and cucurbits due to possibility of humid weather. If attack of bacterial wilt is observed, apply Streptocyclin Sulphate @ 1.0 gm/10 liter of water and repeat the spray at the time of flowering during clear/dry weather conditions.
		Staking	- For better crop stand, farmers are advised to provide mechanical support in young plants of tomato and cucurbits to avoid losses from gusty winds. *Farmers are advised to regularly monitor the vegetable crops for the incidence of pest and diseases.
Horticulture (Stone Fruits & Nut Fruits)		Irrigation	- Hot and dry weather likely to be expected during next 5 days, farmers are advised to apply light irrigation to the vegetable crops during the evening or early morning to avoid moisture stress.
		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.
		Insect pest management	- Farmers are advised to keep vigil of termite attack on fruit plants. If observed undertake the following measures: • Dismantle termatorium, if any in the field. • Treat the affected area with Chlorpyrifos @ 2 ml/ liter of water or Imidacloprid @ 7 – 8 ml/15 liters of water.
Pleurotus (Dhingri)			- Hot and dry weather likely to be expected during next 5 days, farmers are advised to apply light irrigation to the young fruit plants during the evening or early morning to avoid moisture stress.
			- Farmers are advised for cropping of <i>Pleurotus Spp.</i> (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. - Periodic light sprinkling of water on bags at least three times a day are advised to maintain the temperature of bags. Avoid excessive use of water on bags.
Apiculture		Care /Feed supplement	- 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

			<p>sure that bees do not pass through the ventilation otherwise robbing may be induced.</p> <ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Mineral mixture (Agrimin forte @ 40 gm per day) should be supplemented in the diet of dairy animals particularly pregnant ones. - 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. - Nomads are advised to follow proper livestock management practices during migration towards high areas.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - Chicks should be supplemented with balanced ration to prevent occurrence of nutritionally deficient diseases. - Brooder houses for newly born should be well ventilated, rain proof and protected from predators. - Disinfectant tray should be kept at entrance of the poultry house to prevent occurrence of infectious diseases. - Farmers are advised to keep improved breeds of Backyard poultry i.e Vanraja, chabro to supplement the daily income.

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Annexure “I”

Date: 21-05-2024

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

Banihal

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0.3	0.2	0	0	0.2
Maximum Temperature (°C)	29.2	30.6	31.2	32	32.4
Minimum Temperature (°C)	13.8	14.3	14.6	14.6	15.2
RH Morning (%)	57	52	43	37	45
RH Evening (%)	29	28	22	21	22
Wind Speed (kmph)	10	10	10	9	9
Wind Direction	17	17	17	23	20
Cloudiness (octa)	3	0	0	1	0

Batote

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	34.3	35.1	35.6	36.3	36.2
Minimum Temperature (°C)	17.8	18.2	18.6	18.6	18.9
RH Morning (%)	38	35	29	25	29

RH Evening (%)	15	16	11	10	12
Wind Speed (kmph)	11	12	12	12	12
Wind Direction	23	23	23	30	30
Cloudiness (octa)	0	0	0	0	0

Gandhari

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32.2	33.3	34	34.7	34.6
Minimum Temperature (°C)	16	16.4	16.9	16.9	17.3
RH Morning (%)	40	37	31	28	32
RH Evening (%)	18	18	13	13	14
Wind Speed (kmph)	12	12	13	12	12
Wind Direction	20	23	20	23	23
Cloudiness (octa)	1	0	0	0	0

Gool

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	31.9	33.1	34.1	34.4	34.3
Minimum Temperature (°C)	15.7	16	16.5	16.8	16.9
RH Morning (%)	43	39	33	30	35
RH Evening (%)	21	21	15	15	16
Wind Speed (kmph)	12	12	12	12	12
Wind Direction	20	23	20	23	23
Cloudiness (octa)	1	0	0	0	0

Khari

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0.6	0.5	0	0	0.4
Maximum Temperature (°C)	29.9	31.2	31.9	32.8	32.9
Minimum Temperature (°C)	14.3	14.7	15	15.1	15.5
RH Morning (%)	56	51	43	38	45
RH Evening (%)	30	29	23	23	23
Wind Speed (kmph)	11	11	11	10	10
Wind Direction	17	17	20	23	23
Cloudiness (octa)	3	2	0	1	2

Rajgarh

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	33.2	34	34.6	35.2	34.9
Minimum Temperature (°C)	16.8	17.3	17.4	17.4	17.9
RH Morning (%)	44	40	34	29	33
RH Evening (%)	18	19	14	13	14
Wind Speed (kmph)	10	10	11	10	10
Wind Direction	23	23	23	23	23
Cloudiness (octa)	1	0	0	0	0

Ramban

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32.1	33.1	33.9	34.5	34.6
Minimum Temperature (°C)	16	16.4	16.8	16.7	17.2
RH Morning (%)	42	38	32	28	33
RH Evening (%)	18	19	14	13	14
Wind Speed (kmph)	12	12	12	11	11
Wind Direction	20	23	20	23	25
Cloudiness (octa)	1	0	0	0	0

Ramsoo

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0.2	0.2	0	0	0.1
Maximum Temperature (°C)	30.5	31.8	32.5	33.2	33.4
Minimum Temperature (°C)	14.8	15.2	15.6	15.6	16
RH Morning (%)	51	47	39	34	40
RH Evening (%)	25	25	19	18	19
Wind Speed (kmph)	11	11	11	10	10
Wind Direction	20	23	17	23	25
Cloudiness (octa)	2	0	0	0	0

Sangaldan

Weather Parameters	22/05/24	23/05/24	24/05/24	25/05/24	26/05/24
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32	33.1	33.9	34.6	34.5
Minimum Temperature (°C)	15.8	16.2	16.7	16.8	17.1
RH Morning (%)	40	37	31	28	33

RH Evening (%)	18	18	13	13	14
Wind Speed (kmph)	13	13	13	13	12
Wind Direction	20	23	20	23	23
Cloudiness (octa)	1	0	0	0	0