



**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: - 09/2024-25/Tuesday**

**Date: 30<sup>th</sup> April, 2024**

**No. AUJ/RARS/Raj/Agromet/2024-25/180**

**Significant past weather for the preceding 5 days (25<sup>th</sup> to 29<sup>th</sup> April, 2024)**

<b>Rainfall (mm)</b>	41.6
<b>Maximum Temperature (°C)</b>	21.4 – 31.4
<b>Minimum Temperature (°C)</b>	10.5 – 14.0
<b>Relative Humidity (%)</b>	30 - 90

**Medium range weather forecast for Rajouri (01<sup>st</sup> to 05<sup>th</sup> May, 2024)**

<b>Weather Parameters</b>	<b>01/05/24</b>	<b>02/05/24</b>	<b>03/05/24</b>	<b>04/05/24</b>	<b>05/05/24</b>
<b>Rainfall (mm)</b>	5	0	0	2	3
<b>Maximum Temperature (°C)</b>	23	25	26	26	27
<b>Minimum Temperature (°C)</b>	9	10	10	13	14
<b>RH Morning (%)</b>	90	80	80	90	90
<b>RH Evening (%)</b>	85	70	70	80	80
<b>Wind Speed (kmph)</b>	1	1	1	1	1
<b>Wind Direction</b>	35	20	19	35	13
<b>Cloudiness (octa)</b>	8	3	5	8	7

\*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 variably to generally cloudy with possibility of light to very light rain/thundershowers at isolated places between 03<sup>rd</sup> – 05<sup>th</sup> May. The maximum temperature may range between 23 to 27 °C and minimum temperature may range between 09 to 14 °C for next five days. Relative humidity may range between 70 to 90%. Wind may blow mainly in the North North Eastern (NNE) direction with the average speed of 1 km/hour.

**General Advisory:**

- Isolated light to very light rain/thundershowers expected over district between 03<sup>rd</sup> – 05<sup>th</sup> May.
- As per Extended Range Forecast System (ERFS), rainfall will remain below normal between 01.05.2024 and 05.05.2024 in the UT of Jammu and Kashmir.

**SMS Advisory:** Isolated rain/thundershowers expected between 03<sup>rd</sup> – 05<sup>th</sup> May. 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 03 <sup>rd</sup> – 05 <sup>th</sup> May. Farmers are advised to undertake harvesting of matured wheat crop subject to availability of dry weather.
Maize	Sowing		- Rain/thundershowers likely to be expected between 03 <sup>rd</sup> – 05 <sup>th</sup> May, farmers of temperate areas are advised to undertake sowing of maize crop subject to availability of dry weather.
Vegetables Summer Vegetables	Transplanting  Sowing	Insect Pest management	<p>- 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 dry weather conditions.</p> <p>- Farmers are advised to go for sowing of following vegetable crops subject to clear/dry weather conditions:</p> <ul style="list-style-type: none"> <li>• Okra (var. Varsha Uphar, Hissar Unnat and A-4) @ 20 – 25 kg/ha in lower areas.</li> <li>• Turmeric @ 1 – 1.5 q/kanal in lower areas of the district.</li> <li>• French bean (var. contender, Arka Komal and Pusa Parvati) @ 85 kg/ha in temperate areas.</li> </ul> <p>- Farmers are advised to remain vigil on attack of Red Pumpkinn beetle 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.</p>
Horticulture (Stone Fruits & Nut Fruits)		Care/Staking	<p>- Young fruit plants may be provided staking to avoid damage from adverse weather conditions.</p> <p>- Remove all water/stock sprouts from the plant emerging from stem up to a height of 30 cm from ground level.</p> <p>- Remove tying material from bud/graft union carefully.</p> <p>- Keep the orchards clean from weeds/unwanted plants.</p> <p>- Install insect traps such as light trap, sticky traps and pheromones traps to check insect-pest attack.</p>
<i>Pleurotus</i> (Dhingri)			<p>- Farmers are advised for cropping of <i>Pleurotus Spp.</i> (Dhingri).</p> <p>- For cropping maintain bag to bag distance 15-20 cm and humidity (70-80%) in the growing room.</p> <p>- Maintain complete hygiene in the cropping room.</p>
Apiculture		Care /Feed supplement	<p>- During cloudy/rainy days farmers are advised to not open honey bee colonies.</p> <p>- 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.</p> <p>- 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.</p> <p>- Provide proper ventilation by slightly raising the brood chamber. Make sure that bees do not pass through the ventilation otherwise robbing may be induced.</p> <p>- For protection of ants put the legs of apiary into water so that ants could not attack apiary.</p>
Fisheries (Carp fish culture)	Fingerlings/ Table size fish		<p>- Farmers who have stocked fish live stock in their ponds are advised to maintain water level in their fish ponds.</p> <p>- 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.</p> <p>- Farmers who have already stocked fish seed, should apply supplementary feed @ 2-5% of total biomass present in the ponds.</p>

<b>Live stock (Dairy animals, sheep and goats)</b>		<b>Care/Feed supplement</b>	<ul style="list-style-type: none"> <li>- Deworming i.e. Panacur @ 10 mg/kg body weight should be done to reduce the parasitic load in animals.</li> <li>- Farmers are advised to keep proper ventilation and hygiene in the cattle sheds.</li> <li>- 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.</li> </ul>
<b>Poultry</b>		<b>Care/Feed supplement</b>	<ul style="list-style-type: none"> <li>- Farmers are advised to fumigate their poultry sheds before stocking the new lot of chicks to avoid the economic losses.</li> <li>- Grits should be fed along with the whole maize grains for the proper grinding and digestion.</li> <li>- In case of finding symptoms like Influenza/flu in poultry birds, farmers are advised to consult the nearby Veterinary centers and KVKs.</li> </ul>

Contact Details: Dr. Rohit Sharma (Technical Officer), RARS- Rajouri

E-mail: [amfurarsrajouri@gmail.com](mailto:amfurarsrajouri@gmail.com)

Mobile No. 9596619990

**Annexure “I”**

**Date: 30-04-2024**

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

#### **Budhal**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	9.6	1.1	0	3.1	2.3
Maximum Temperature (°C)	16.2	16.5	18.9	21.9	21.5
Minimum Temperature (°C)	5	5.7	8	10.2	10.7
RH Morning (%)	75	62	52	62	62
RH Evening (%)	43	43	34	27	38
Wind Speed (kmph)	11	10	9	8	9
Wind Direction	25	23	20	23	23
Cloudiness (octa)	6	2	3	8	4

#### **New Budhal**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	9.3	1.1	0	3.1	2.4
Maximum Temperature (°C)	16.5	16.7	19	22	21.6
Minimum Temperature (°C)	5.1	5.8	8.1	10.3	10.8
RH Morning (%)	74	61	52	62	62
RH Evening (%)	42	43	34	27	38
Wind Speed (kmph)	11	10	9	8	9
Wind Direction	25	23	20	23	23
Cloudiness (octa)	6	1	3	8	4

#### **Darhal**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	8.6	0	0	1.2	0

Maximum Temperature (°C)	15	15	17.1	19.9	19.3
Minimum Temperature (°C)	3.2	4.2	6.6	8.5	8.9
RH Morning (%)	68	53	46	53	53
RH Evening (%)	26	35	29	21	33
Wind Speed (kmph)	11	10	10	9	9
Wind Direction	45	68	65	30	20
Cloudiness (octa)	6	1	3	8	3

### Dhangri

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	1.1	0	0	0	0
Maximum Temperature (°C)	17.8	17.7	19.1	22.2	22.5
Minimum Temperature (°C)	6.1	6.4	8.4	12	10.8
RH Morning (%)	49	36	34	34	36
RH Evening (%)	13	21	20	14	20
Wind Speed (kmph)	12	9	8	12	11
Wind Direction	25	25	19	26	23
Cloudiness (octa)	6	0	3	8	2

### Doongi

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	1.5	0	0	0	0
Maximum Temperature (°C)	16.7	16.2	18.1	21.1	21.3
Minimum Temperature (°C)	5	5.4	7.7	10.8	10.1
RH Morning (%)	53	38	37	36	37
RH Evening (%)	13	23	21	14	21
Wind Speed (kmph)	13	10	8	12	11
Wind Direction	28	54	68	30	23
Cloudiness (octa)	6	1	3	8	2

### Kalakote

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	0.8	0	0	0	0
Maximum Temperature (°C)	18.5	18.9	19.7	22.6	23.2
Minimum Temperature (°C)	6.3	7	9	12.2	11.1
RH Morning (%)	48	36	32	36	38
RH Evening (%)	14	22	20	15	21
Wind Speed (kmph)	11	9	10	11	11
Wind Direction	23	23	23	26	23

Cloudiness (octa)	6	0	2	7	2
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### Manjakote

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	3.6	0	0	0	0
Maximum Temperature (°C)	15.1	14.5	17.1	19.8	19.7
Minimum Temperature (°C)	3.2	4.2	6.7	8.8	8.7
RH Morning (%)	60	42	38	41	42
RH Evening (%)	14	27	24	15	24
Wind Speed (kmph)	12	10	9	10	10
Wind Direction	56	58	65	45	27
Cloudiness (octa)	6	1	3	8	2

### Moghla

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	0.7	0	0	0	0
Maximum Temperature (°C)	18.9	19.1	20.2	23.1	23.5
Minimum Temperature (°C)	6.7	7.3	9.2	12.9	11.5
RH Morning (%)	47	35	32	34	36
RH Evening (%)	14	21	19	15	19
Wind Speed (kmph)	11	9	9	12	11
Wind Direction	23	27	23	26	25
Cloudiness (octa)	6	0	3	7	2

### Nowshera

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	0.8	0	0	0	0
Maximum Temperature (°C)	18.3	18.3	19.8	22.7	23.3
Minimum Temperature (°C)	6.8	6.8	8.5	12.8	11.6
RH Morning (%)	54	41	41	38	37
RH Evening (%)	18	23	23	18	20
Wind Speed (kmph)	11	8	7	11	10
Wind Direction	15	26	15	23	20
Cloudiness (octa)	6	1	4	8	4

### Panjgrain

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	1.7	0	0	0.1	0
Maximum Temperature (°C)	16.5	16	18	20.9	21.1

Minimum Temperature (°C)	4.8	5.3	7.6	10.6	9.9
RH Morning (%)	54	39	37	36	37
RH Evening (%)	13	23	22	14	21
Wind Speed (kmph)	13	10	8	11	11
Wind Direction	28	54	68	30	23
Cloudiness (octa)	6	1	3	8	2

### Qila-Darhal

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	1	0	0	0	0
Maximum Temperature (°C)	19.5	19.8	21.4	24.4	25.3
Minimum Temperature (°C)	7.6	8.6	10.2	14.4	12.9
RH Morning (%)	53	38	37	34	35
RH Evening (%)	19	20	21	17	18
Wind Speed (kmph)	11	7	7	12	9
Wind Direction	19	23	19	23	23
Cloudiness (octa)	6	0	5	8	5

### Rajouri

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	2.1	0	0	0.1	0
Maximum Temperature (°C)	16.6	16.4	18.1	21	21.2
Minimum Temperature (°C)	4.9	5.5	7.8	10.6	10
RH Morning (%)	54	39	37	37	38
RH Evening (%)	14	24	22	15	22
Wind Speed (kmph)	13	10	9	11	11
Wind Direction	28	25	30	30	20
Cloudiness (octa)	6	1	3	8	2

### Seri

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	2.3	0	0	0.1	0
Maximum Temperature (°C)	16.7	16.7	18.2	21.2	21.4
Minimum Temperature (°C)	5	5.7	7.9	10.7	10.1
RH Morning (%)	53	39	36	37	38
RH Evening (%)	14	24	21	15	22
Wind Speed (kmph)	13	10	9	11	11
Wind Direction	28	25	23	30	20
Cloudiness (octa)	6	1	3	8	2

**Siot**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	0.8	0	0	0	0
Maximum Temperature (°C)	19.6	19.4	21.2	24.3	24.5
Minimum Temperature (°C)	7.6	7.9	9.6	14.5	12.4
RH Morning (%)	48	33	33	31	33
RH Evening (%)	14	18	18	13	17
Wind Speed (kmph)	11	8	8	12	12
Wind Direction	18	28	23	26	27
Cloudiness (octa)	6	0	3	8	3

**Sunderbani**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	1	0	0	0	0
Maximum Temperature (°C)	20.5	20.5	22.2	25.2	25.2
Minimum Temperature (°C)	8	8.9	10.5	14.9	13
RH Morning (%)	48	33	32	33	34
RH Evening (%)	15	18	18	14	17
Wind Speed (kmph)	10	8	8	11	12
Wind Direction	18	34	23	23	24
Cloudiness (octa)	6	0	3	8	3

**Thana-Mandi**

Weather Parameters	01/05/24	02/05/24	03/05/24	04/05/24	05/05/24
Rainfall (mm)	0.8	0	0	1.1	0
Maximum Temperature (°C)	16.2	14.5	17.1	20.5	20
Minimum Temperature (°C)	2.9	3.2	5.3	9.4	8.5
RH Morning (%)	72	63	49	67	66
RH Evening (%)	42	36	30	26	41
Wind Speed (kmph)	8	4	3	3	4
Wind Direction	330	60	23	15	23
Cloudiness (octa)	7	1	1	7	3