



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for Poonch 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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No. AUJ/RARS/Raj/Agromet/2024-25/179

Medium range weather forecast for Poonch (01st to 05th May, 2024)

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 5 | 0 | 0 | 2 | 3 |
| Maximum Temperature (°C) | 23 | 25 | 26 | 26 | 27 |
| Minimum Temperature (°C) | 9 | 10 | 10 | 13 | 14 |
| RH Morning (%) | 90 | 80 | 80 | 90 | 90 |
| RH Evening (%) | 85 | 70 | 70 | 80 | 80 |
| Wind Speed (kmph) | 1 | 1 | 1 | 1 | 1 |
| Wind Direction | 45 | 55 | 50 | 48 | 60 |
| Cloudiness (octa) | 8 | 3 | 5 | 8 | 7 |

*Block level weather forecast (District Model Output) of Poonch 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 03rd – 05th 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 Eastern (NE) direction with the average speed of 1 km/hour.

General Advisory:

- Isolated light to very light rain/thundershowers expected over district between 03rd – 05th 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 03rd – 05th 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 rd – 05 th 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 rd – 05 th 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 | <ul style="list-style-type: none"> - 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. - Farmers are advised to go for sowing of following vegetable crops subject to clear/dry weather conditions: <ul style="list-style-type: none"> • 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. - 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. |
| Horticulture (Stone Fruits & Nut Fruits) | | Care/Staking | <ul style="list-style-type: none"> - 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. |
| Pleurotus (Dhingri) | | | <ul style="list-style-type: none"> - 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. |
| Apiculture | | Care /Feed supplement | <ul style="list-style-type: none"> - 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 | | <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"> - 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 | <ul style="list-style-type: none"> - 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. |

Contact Details: Dr. Rohit Sharma (Technical Officer), RARS- Rajouri
E-mail: amfurarsrajouri@gmail.com; Mobile No. 9596619990

Date: 30-04-2024

Block Level Weather Forecast (District Model Output) for Poonch District (Valid for next 5 days)**Balakote**

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 1.8 | 0 | 0 | 1.7 | 0 |
| Maximum Temperature (°C) | 15.1 | 16 | 17.8 | 20.6 | 18.4 |
| Minimum Temperature (°C) | 3.9 | 4.6 | 6.3 | 8.1 | 8.9 |
| RH Morning (%) | 71 | 58 | 50 | 67 | 62 |
| RH Evening (%) | 21 | 33 | 28 | 22 | 35 |
| Wind Speed (kmph) | 13 | 12 | 12 | 10 | 11 |
| Wind Direction | 70 | 30 | 26 | 45 | 68 |
| Cloudiness (octa) | 6 | 1 | 3 | 8 | 5 |

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| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 18.5 | 1.2 | 0 | 5.3 | 4.6 |
| Maximum Temperature (°C) | 14.6 | 13.3 | 16.4 | 18.8 | 18 |
| Minimum Temperature (°C) | 2.9 | 3.2 | 5.4 | 7.8 | 8.6 |
| RH Morning (%) | 82 | 73 | 64 | 74 | 74 |
| RH Evening (%) | 49 | 59 | 51 | 46 | 55 |
| Wind Speed (kmph) | 9 | 9 | 7 | 5 | 6 |
| Wind Direction | 30 | 62 | 68 | 45 | 64 |
| Cloudiness (octa) | 6 | 2 | 3 | 8 | 5 |

Lassana

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 5.2 | 0 | 0 | 0.3 | 0 |
| Maximum Temperature (°C) | 14.7 | 13.7 | 17.6 | 20.4 | 19.3 |
| Minimum Temperature (°C) | 2.9 | 3.9 | 6.5 | 8.4 | 8.5 |
| RH Morning (%) | 64 | 46 | 41 | 47 | 49 |
| RH Evening (%) | 17 | 32 | 26 | 17 | 28 |
| Wind Speed (kmph) | 11 | 11 | 9 | 9 | 8 |
| Wind Direction | 45 | 58 | 68 | 45 | 63 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |

Loran

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 23.5 | 1.4 | 0 | 8.3 | 8.8 |
| Maximum Temperature (°C) | 14.8 | 13.3 | 16.4 | 19 | 18.4 |
| Minimum Temperature (°C) | 3 | 3 | 5 | 7.8 | 8.8 |
| RH Morning (%) | 87 | 81 | 71 | 83 | 82 |
| RH Evening (%) | 59 | 71 | 58 | 59 | 66 |
| Wind Speed (kmph) | 8 | 9 | 7 | 4 | 5 |
| Wind Direction | 23 | 58 | 69 | 34 | 68 |
| Cloudiness (octa) | 6 | 3 | 4 | 8 | 6 |

Mandi

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 9.4 | 0.2 | 0 | 2.6 | 1.2 |
| Maximum Temperature (°C) | 15 | 13.2 | 17.3 | 20.4 | 19.4 |
| Minimum Temperature (°C) | 2.9 | 3.7 | 5.8 | 7.8 | 8.8 |
| RH Morning (%) | 77 | 64 | 55 | 66 | 67 |
| RH Evening (%) | 33 | 51 | 41 | 33 | 44 |
| Wind Speed (kmph) | 10 | 11 | 9 | 7 | 7 |
| Wind Direction | 30 | 63 | 68 | 65 | 68 |
| Cloudiness (octa) | 6 | 2 | 3 | 7 | 4 |

Mankote

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 1.9 | 0 | 0 | 0 | 0 |
| Maximum Temperature (°C) | 14.4 | 14.2 | 17.3 | 20.3 | 18.6 |
| Minimum Temperature (°C) | 3 | 4.1 | 6.5 | 8.3 | 8.4 |
| RH Morning (%) | 60 | 42 | 39 | 45 | 48 |
| RH Evening (%) | 13 | 27 | 22 | 15 | 26 |
| Wind Speed (kmph) | 13 | 12 | 11 | 10 | 10 |
| Wind Direction | 63 | 66 | 73 | 68 | 69 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |

Mendhar

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|--------------------------|----------|----------|----------|----------|----------|
| Rainfall (mm) | 1.4 | 0 | 0 | 0 | 0 |
| Maximum Temperature (°C) | 14.6 | 13.9 | 17.1 | 20.1 | 18.8 |
| Minimum Temperature (°C) | 3.1 | 3.9 | 6.5 | 8.7 | 8.4 |
| RH Morning (%) | 57 | 40 | 37 | 40 | 43 |

| | | | | | |
|--------------------------|----|----|----|----|----|
| RH Evening (%) | 11 | 25 | 21 | 14 | 22 |
| Wind Speed (kmph) | 13 | 12 | 10 | 10 | 11 |
| Wind Direction | 30 | 58 | 65 | 45 | 58 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |

Nangali-Sahib-Sain-Baba

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Rainfall (mm) | 3.6 | 0 | 0 | 0.5 | 0 |
| Maximum Temperature (°C) | 14.8 | 13.8 | 17.5 | 20.6 | 19 |
| Minimum Temperature (°C) | 2.9 | 4 | 6.4 | 8.2 | 8.5 |
| RH Morning (%) | 64 | 47 | 42 | 49 | 51 |
| RH Evening (%) | 16 | 32 | 25 | 18 | 28 |
| Wind Speed (kmph) | 12 | 12 | 10 | 9 | 9 |
| Wind Direction | 63 | 63 | 70 | 65 | 68 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |

Poonch

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Rainfall (mm) | 1.9 | 0 | 0 | 0.4 | 0 |
| Maximum Temperature (°C) | 14.4 | 14.4 | 17.3 | 20.3 | 18.4 |
| Minimum Temperature (°C) | 3.1 | 4.1 | 6.4 | 8.3 | 8.5 |
| RH Morning (%) | 62 | 44 | 41 | 48 | 50 |
| RH Evening (%) | 14 | 28 | 23 | 17 | 27 |
| Wind Speed (kmph) | 13 | 12 | 11 | 10 | 11 |
| Wind Direction | 63 | 68 | 73 | 63 | 69 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |

Sathra

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Rainfall (mm) | 6.8 | 0 | 0 | 1.1 | 0 |
| Maximum Temperature (°C) | 15.5 | 13.2 | 17.9 | 21.1 | 19.7 |
| Minimum Temperature (°C) | 2.8 | 3.7 | 6.1 | 7.9 | 8.7 |
| RH Morning (%) | 71 | 57 | 49 | 58 | 59 |
| RH Evening (%) | 22 | 42 | 31 | 22 | 34 |
| Wind Speed (kmph) | 10 | 11 | 9 | 7 | 7 |
| Wind Direction | 30 | 58 | 70 | 65 | 65 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 3 |

Surankote

| Weather Parameters | 01/05/24 | 02/05/24 | 03/05/24 | 04/05/24 | 05/05/24 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Rainfall (mm) | 6.2 | 0.1 | 0 | 0.7 | 0.2 |
| Maximum Temperature (°C) | 14.8 | 13.6 | 17.5 | 20.3 | 19.2 |
| Minimum Temperature (°C) | 2.9 | 3.8 | 6.4 | 8.3 | 8.5 |
| RH Morning (%) | 66 | 49 | 44 | 50 | 51 |
| RH Evening (%) | 20 | 35 | 28 | 20 | 31 |
| Wind Speed (kmph) | 10 | 11 | 9 | 8 | 8 |
| Wind Direction | 45 | 58 | 68 | 45 | 63 |
| Cloudiness (octa) | 6 | 1 | 2 | 7 | 2 |