



**GRAMIN KRISHI MAUSAM SEWA**  
**Agromet Advisory Bulletin for Sub Tropical Conditions of Jammu Region**  
**Issued Jointly by Sher-e-Kashmir University of Agricultural Sciences & Technology Jammu and**  
**India Meteorological Department**  
**Agromet Research Centre, SKUAST-Jammu, Chatha-180009**  
**email:jmu.agrimet@gmail.com**



**District : REASI**

**No. AUJ/Agromet/GKMS/24-25/492 - 95**

**Bulletin No:15/2024-25**

**Dated:21-05-2024**

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**Weather summary of previous 5 days 16<sup>th</sup> to 20<sup>th</sup> May, 2024)**

|   |             |
|---|-------------|
| Range of Max. Temperature ( <sup>0</sup> C) | 35.8 – 38.0 |
| Range of Min. Temperature ( <sup>0</sup> C) | 22.5 – 24.0 |
| Range of Relative Humidity (%)              | 28 – 51     |
| Rainfall (mm)                               | 0.0         |

**Ensembled forecast for next 5 days (0830 hrs 22<sup>nd</sup> to 26<sup>th</sup> May, 2024)**

| Date     | Rainfall (mm) | Tmax ( <sup>0</sup> C) | Tmin ( <sup>0</sup> C) | RH Morning (%) | RH Evening (%) | Wind Speed (kmph) | Wind Direction (°) | Cloud Cover (Octa) |
|----------|---------------|------------------------|------------------------|----------------|----------------|-------------------|--------------------|--------------------|
| 22-05-24 | 0             | 39                     | 24                     | 45             | 30             | 1                 | 12                 | 2                  |
| 23-05-24 | 0             | 39                     | 24                     | 40             | 30             | 1                 | 5                  | 1                  |
| 24-05-24 | 0             | 40                     | 25                     | 40             | 25             | 1                 | 3                  | 1                  |
| 25-05-24 | 0             | 40                     | 25                     | 40             | 25             | 1                 | 3                  | 2                  |
| 26-05-24 | 0             | 41                     | 25                     | 30             | 25             | 1                 | 1                  | 1                  |

Weather may remain clear for next five days. The Maximum Temperature may range from 39°C to 41°C while the Minimum Temperature may range from 24°C to 25°C. Wind may blow remain North Northerly Easterly direction with the speed of about 1 km/hr. The morning relative humidity may range from 30% to 35% and evening relative humidity may range from 20% to 25% during this period.

**Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 22<sup>nd</sup> to 26<sup>th</sup> May, 2024**

| Crop  | Stage/Cultural Operation      | Weather based Agro- advisories  |
|---|-------------------------------|---|
| <b>Pulses</b><br>Summer pulses (moong/mash) | Early vegetative              | Farmers may go for hoeing and weeding in crop to conserve soil moisture and proper aeration of the roots and to keep the weeds under check.   |
| <b>Rice</b>                                 | Nursery sowing                | Farmers may go for nursery sowing of early transplanted rice varieties. (var. IET-1410, K-39, Ratna, PC-19, Jaya) Treat seed with Carbendazim or Bavistin @2gm/Kg before nursery raising.<br>Incorporate the FYM @ 10-15 tons/ ha at least 15 days earlier to transplanting in the field, where rice is to be transplanted. |
| <b>Fallow land</b>                          | Soil solarization             | Deep Plough the land with soil turning plough for soil solarization against insect pests and weed infestation. Incorporate well rotten F.Y.M. 15 days prior to sowing in the fields where Kharif maize and paddy are to be sown in June.  |
| <b>Green manuring</b>                       | Germination/ Early Vegetative | The dose of phosphorus recommended for the rice crop to be taken after Daincha should be applied to daincha crop either through single super phosphate or Di ammonium phosphate.  |
| <b>Vegetables: Cucurbits</b>                | Vegetative stage              | Apply irrigation as per requirement of crop.<br>Spray chloropyriphos @2 ml/lit. of water immediately followed by ash application on wetted leaves in cucurbits for control of red pumpkin beetle. Install 5 pheromone traps per kanal to control fruit fly.   |



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|  |   |   |
|--|---|---|
| <b>Tomato/brinjal</b>                          | Fruiting/flowering/<br>vegetative               | Timely harvest the matured fruit in order to avoid spoilage. Monitor tomato crop for leaf curl. Remove virus infected plants. Spray imidacloprid @ 0.5ml/lit of water to check further spread of disease by whitefly.   |
| <b>Okra</b>                                    | Vegetative                                      | If yellow leaves (YVMV) are observed, uproot and bury deep in soil and wash hands after that.   |
| <b>Turmeric/<br/>ginger</b>                    | Early Vegetative                                | Keep the field free of weeds.   |
| <b>Floriculture</b><br>Summer annuals          | Nursery Seed                                    | Apply irrigation as per requirement of crop.<br>Sowing of nursery of Summer annualsis recommended.  |
| Chrysanthemum                                  | Mother stock                                    | Chrysanthemum propagation through root cutting is recommended.  |
| Rose   | Flowering                                       | Hoeing and weeding is recommended to conserve the soil moisture.  |
| <b>Fodder</b><br>Summer mixe3d<br>fodder       | Vegetative                                      | Application of top dressing of nitrogenous fertilizer in summer fodder (maize+cowpea+charri) and bajra immediately, if not applied yet.   |
| <b>Mushroom</b><br>Milky<br>mushroom           | Spawn run                                       | Maintain temperature of cropping room between 25°C - 30°C for proper spawn run.<br>Maintain 90-95% humidity in cropping rooms.<br>Spray chlorothalonil @ 0.5% and deltamethrin @ 0.01% to control competitor fungi.<br>Farmers interested in growing milky mushroom may book the spawn of milky mushroom as the season will continue up to end of July. |
| <b>Horticulture</b><br>Guava /Mango/<br>Citrus | Young/Bearing                                   | Apply irrigation as per requirement of crop.<br>Remove water suckers.<br>White wash the tree trunks with slaked lime and copper sulphate against sunburn and fungal diseases.<br>Spray 2,4-D @ 10ppm against citrus fruit drop in citrus.<br>Spray dimethoate @ 1ml/lit against hoppers in mango.   |
| <b>Sericulture:</b><br>Mulberry                | Tree plantation                                 | Mulberry Farm/individual mulberry trees should be irrigated periodically at an interval of 15-20 days.  |
| Bivoltine cocoon<br>crop                       | Disinfection of<br>rearing halls/<br>appliances | Rigorous disinfection of used appliances in the recently completed spring rearing should be adopted with 2-14 per cent formaline solution.  |
| <b>Apiculture</b>                              |   | Protect colonies from high temperature by shifting to shady areas or migrate to cooler places or cover them with wet gunny bags. To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water.  |



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|   |                |   |
|---|----------------|---|
| <b>Fisheries</b><br>Carp farming                    | Fry/ yearlings | Farmers who have stocked fish livestock in their ponds are advised to maintain proper water level in their fish ponds.  |
| <b>Poultry</b>                                      |                | Adequate clean drinking water should be available all the time.<br>Proper hygiene should be maintained.<br>Give vaccination against infectious bursal dermatitis IBD & Gumbroo at 7 <sup>th</sup> & 14 <sup>th</sup> day after birth.   |
| <b>Live stock</b><br>Dairy animals/<br>Sheep & Goat |                | Due to chances of increase in temperature and hence, for preventing animals from heat stress during hot weather conditions following points may be kept in mind:<br>1. Provide an adequate amount of fresh cool and clean drinking water<br>2. Plant shady trees around the sheds.<br>3. Provide water baths 3-4 times in a day.<br>4. Install fans and desert coolers for high-yielding animals.<br>5. Sprinkling of water in sheds to reduce heat stress.<br>6. Good quality green leguminous and non-leguminous fodders. Maize and bajra. Urea treatment of dry straw/fodder.<br>7. Increase protein content in animal ration by 2%.<br>8. Mineral mixture should be supplemented in the diet. |

**Ensembled Block Level Forecast for next 5 days (0830 hrs 22<sup>nd</sup> to 26<sup>th</sup> May, 2024) for district Reasi**

Chances of light rain at scattered locations on 22, 23 & 26 May in Pouni block and rain for next five days in Gulab Garh & Mahore blocks rest of block may experience clear weather for next 5 days.

| DATE       | BLOCK NAME | Rain mm | Tmax °C | Tmin °C | RH Morn. (%) | RH Even. (%) | Wind Speed (kmph) | Wind Direction (deg) | Cloud Cover (octa) |
|------------|------------|---------|---------|---------|--------------|--------------|-------------------|----------------------|--------------------|
| 22-05-2024 | Arnas      | 0       | 32.1    | 16.1    | 31           | 15           | 11                | 20                   | 0                  |
| 23-05-2024 | Arnas      | 0       | 33      | 16.2    | 27           | 14           | 11                | 23                   | 0                  |
| 24-05-2024 | Arnas      | 0       | 34.2    | 17      | 23           | 9            | 12                | 23                   | 0                  |
| 25-05-2024 | Arnas      | 0       | 34.9    | 17.4    | 21           | 10           | 13                | 23                   | 0                  |
| 26-05-2024 | Arnas      | 0       | 34.7    | 17.4    | 25           | 10           | 12                | 23                   | 0                  |
| 22-05-2024 | Chassana   | 0       | 33.9    | 17.3    | 26           | 12           | 12                | 20                   | 0                  |
| 23-05-2024 | Chassana   | 0       | 34.5    | 17.5    | 24           | 11           | 11                | 23                   | 0                  |
| 24-05-2024 | Chassana   | 0       | 36      | 18.3    | 21           | 7            | 13                | 23                   | 0                  |
| 25-05-2024 | Chassana   | 0       | 36.4    | 18.8    | 18           | 8            | 14                | 23                   | 0                  |
| 26-05-2024 | Chassana   | 0       | 36.5    | 18.6    | 23           | 8            | 14                | 17                   | 0                  |
| 22-05-2024 | Gulab-Garh | 5       | 27.8    | 13      | 74           | 60           | 9                 | 360                  | 4                  |
| 23-05-2024 | Gulab-Garh | 4.5     | 29.3    | 13.1    | 66           | 51           | 8                 | 360                  | 0                  |
| 24-05-2024 | Gulab-Garh | 0       | 30.3    | 13.5    | 65           | 49           | 9                 | 13                   | 1                  |
| 25-05-2024 | Gulab-Garh | 0.3     | 30.4    | 13.7    | 64           | 48           | 7                 | 18                   | 2                  |
| 26-05-2024 | Gulab-Garh | 3.5     | 30.2    | 14      | 63           | 45           | 8                 | 351                  | 1                  |
| 22-05-2024 | Jig Bagli  | 0       | 31.6    | 15.5    | 24           | 12           | 9                 | 19                   | 0                  |
| 23-05-2024 | Jig Bagli  | 0       | 32.5    | 15.8    | 22           | 11           | 10                | 23                   | 0                  |
| 24-05-2024 | Jig Bagli  | 0       | 34      | 16.2    | 18           | 7            | 11                | 23                   | 0                  |



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|            |            |     |      |      |    |    |    |     |   |
|------------|------------|-----|------|------|----|----|----|-----|---|
| 25-05-2024 | Jig Bagli  | 0   | 34   | 17   | 16 | 7  | 13 | 17  | 0 |
| 26-05-2024 | Jig Bagli  | 0   | 34.2 | 16.8 | 19 | 8  | 13 | 23  | 0 |
| 22-05-2024 | Katra      | 0   | 35.9 | 18.7 | 26 | 11 | 12 | 20  | 0 |
| 23-05-2024 | Katra      | 0   | 36.3 | 19   | 24 | 10 | 12 | 23  | 0 |
| 24-05-2024 | Katra      | 0   | 37.8 | 20   | 20 | 7  | 14 | 23  | 0 |
| 25-05-2024 | Katra      | 0   | 38.3 | 20.3 | 18 | 7  | 15 | 20  | 0 |
| 26-05-2024 | Katra      | 0   | 38.6 | 20.1 | 21 | 7  | 15 | 17  | 0 |
| 22-05-2024 | Mahore     | 2.5 | 27.2 | 12.4 | 68 | 48 | 9  | 347 | 3 |
| 23-05-2024 | Mahore     | 2.3 | 28.9 | 12.7 | 60 | 45 | 8  | 347 | 0 |
| 24-05-2024 | Mahore     | 0   | 29.8 | 13.3 | 53 | 40 | 8  | 18  | 1 |
| 25-05-2024 | Mahore     | 0.1 | 30.1 | 13.4 | 48 | 39 | 7  | 23  | 2 |
| 26-05-2024 | Mahore     | 1.9 | 30.4 | 13.9 | 55 | 40 | 8  | 18  | 1 |
| 22-05-2024 | Panthal    | 0   | 33.2 | 16.7 | 24 | 11 | 9  | 23  | 0 |
| 23-05-2024 | Panthal    | 0   | 34.1 | 16.8 | 22 | 10 | 9  | 23  | 0 |
| 24-05-2024 | Panthal    | 0   | 35.4 | 17.2 | 18 | 7  | 11 | 23  | 0 |
| 25-05-2024 | Panthal    | 0   | 35.4 | 18.1 | 16 | 7  | 12 | 23  | 1 |
| 26-05-2024 | Panthal    | 0   | 35.8 | 17.8 | 19 | 8  | 12 | 23  | 0 |
| 22-05-2024 | Pouni      | 2.8 | 26.3 | 11.9 | 72 | 52 | 6  | 351 | 3 |
| 23-05-2024 | Pouni      | 0.9 | 28.5 | 11.8 | 62 | 47 | 6  | 351 | 0 |
| 24-05-2024 | Pouni      | 0   | 29.3 | 12.5 | 55 | 42 | 6  | 351 | 0 |
| 25-05-2024 | Pouni      | 0   | 29.3 | 13   | 51 | 41 | 6  | 15  | 1 |
| 26-05-2024 | Pouni      | 0.2 | 29.1 | 13.5 | 58 | 43 | 6  | 360 | 0 |
| 22-05-2024 | Reasi      | 0   | 33.8 | 17.2 | 26 | 12 | 12 | 23  | 0 |
| 23-05-2024 | Reasi      | 0   | 34.5 | 17.5 | 24 | 11 | 11 | 23  | 0 |
| 24-05-2024 | Reasi      | 0   | 35.9 | 18.3 | 21 | 7  | 13 | 20  | 0 |
| 25-05-2024 | Reasi      | 0   | 36.3 | 18.7 | 18 | 8  | 14 | 20  | 0 |
| 26-05-2024 | Reasi      | 0   | 36.4 | 18.5 | 22 | 8  | 14 | 17  | 0 |
| 22-05-2024 | Thakrakote | 0   | 30.8 | 15.1 | 33 | 16 | 10 | 26  | 0 |
| 23-05-2024 | Thakrakote | 0   | 31.5 | 15.1 | 29 | 15 | 10 | 23  | 0 |
| 24-05-2024 | Thakrakote | 0   | 32.5 | 15.8 | 24 | 10 | 11 | 23  | 0 |
| 25-05-2024 | Thakrakote | 0   | 33.9 | 16.3 | 22 | 11 | 11 | 23  | 0 |
| 26-05-2024 | Thakrakote | 0   | 33.1 | 16.4 | 26 | 11 | 11 | 23  | 0 |
| 22-05-2024 | Thuroo     | 0   | 31.2 | 15.5 | 37 | 19 | 12 | 20  | 1 |
| 23-05-2024 | Thuroo     | 0   | 32.1 | 15.6 | 32 | 17 | 12 | 23  | 0 |
| 24-05-2024 | Thuroo     | 0   | 33.3 | 16.3 | 27 | 12 | 13 | 23  | 0 |
| 25-05-2024 | Thuroo     | 0   | 34.1 | 16.6 | 25 | 13 | 12 | 23  | 0 |
| 26-05-2024 | Thuroo     | 0   | 33.9 | 16.8 | 29 | 13 | 12 | 23  | 0 |

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