

GRAMIN KRISHI MAUSAM SEWA



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RARS, Tandwal, Rajouri – 185131
(Union Territory of Jammu & Kashmir)



Agromet Advisory Bulletin for District Rajouri (31st May to 04th June, 2023)

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)
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Date: 30th May, 2023

No. AUJ/RARS/Raj/Agromet/2023-24/359

Significant past weather for the preceding 5 days (25th to 29th May, 2023)

Rainfall (mm)	22.2
Maximum Temperature (°C)	26.0 - 31.4
Minimum Temperature (°C)	13.0 - 15.6
Relative Humidity (%)	41 - 92

Medium range weather forecast for Rajouri (31st May to 04th June, 2023)

Weather Parameters	31/05/23	01/06/23	02/06/23	03/06/23	04/06/23
Rainfall (mm)	18	14	25	15	12
Maximum Temperature (°C)	24	23	20	23	25
Minimum Temperature (°C)	12	12	10	11	14
RH Morning (%)	65	65	60	49	50
RH Evening (%)	35	35	30	35	35
Wind Speed (kmph)	2	1	1	1	1
Wind Direction	40	35	50	45	42
Cloudiness (octa)	7	6	6	5	4

Weather forecast summary: The sky will remain overcast to generally cloudy with intermittent light to moderate rain/thunderstorm expected for the period of next five days. Maximum temperature may range between 20 to 25°C and minimum temperature between 11 - 14°C for next five days. Relative humidity may range between 30 - 65%. Wind may blow mainly in the North Eastern (NE) direction with the average speed of 1-2 km/hour.

Agro meteorological Advisory

General Advisory for coming 5 days: Intermittent light to moderate rain/thunderstorm expected for the period of next five days. Also possibility of hailstorm at few places. Farmers are advised to avoid all farm operations till weather improves. As per Extended Range Forecast System (ERFS), rainfall will remain normal w.e.f. 31.05.2023 to 04.06.2023 in UT of Jammu and Kashmir.

Crop	Stage	Insect pest/ Diseases Management & other operations	Weather based Agro meteorological advisories
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Paddy	Nursery sowing		<ul style="list-style-type: none"> - Those farmers who have not done nursery sowing of paddy in their fields are advised to complete the sowing (1/15th to 1/20th ha area for one hectare plantation) before any delay. - Treat the seed with Carbendazim @ 2gm/kg of seed before sowing to avoid soil born disease.
Maize	Sowing	Intercultural operation	<ul style="list-style-type: none"> - Those farmers who are planning to undertake sowing of maize crop under intermediate zone of district are advised to suspend sowing due to possibility of rainfall during next five days. - Light to moderate rain/thundershowers expected for the period of next five days, farmers of semi-temperate/high hill areas are advised to suspend weeding and hoeing in 25-30 days old maize till weather improves.
Vegetables (Summer Vegetables)		Intercultural operations Disease Management Staking	<ul style="list-style-type: none"> - Keeping in view the possibility of rain/thundershowers during next five days, farmers are advised to postpone 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 crop during said period. - 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 dry/clear 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 during dry/clear weather conditions and repeat the spray at the time of flowering. - Gusty winds expected during next five days. Farmers are advised to provide mechanical support for better crop stand, in young plants of tomato and cucurbits to avoid losses from strong winds. *Farmers are advised to regularly monitor the vegetable crops for the incidence of pest and diseases.
Horticulture (Stone Fruits & Nut Fruits)		Care/Staking Care Insect pest management	<ul style="list-style-type: none"> - Young fruit plants may be provided staking to avoid damage from high speed winds. - 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. - Keeping in view the possibility of gusty winds during coming days, farmers are advised to provide mechanical support to young fruit plants to avoid lodging due to strong winds. - Farmers are advised to keep vigil of termite attack on fruit plants. If observed undertake the following measures: <ul style="list-style-type: none"> • 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)			<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. - 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	<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.

			<ul style="list-style-type: none"> - 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)	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 fish 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. - Fish 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"> - Farmers are advised to go for vaccination for viral diseases in cattles before onset of rainy season. - 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.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - Keeping in view the present weather conditions farmer are advised to undertake following measure in their poultry farms. <ul style="list-style-type: none"> • Turn bedding material (husk/straw) on regular basis to avoid chances of infection in poultry birds. • Add vitamin supplement and jaggery in the clean drinking water to avoid any sort of stress in poultry birds. • 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.

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