



GRAMIN KRISHI MAUSAM SEWA
Agromet Advisory Bulletin for Sub Tropical Conditions of Kathua District
 Issued Jointly by
District Agro meteorological Unit, Krishi Vigyan Kendra Kathua,
Sher-e-Kashmir University of Agricultural Sciences & Technology Jammu
 and
India Meteorological Department, Government of India
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No. AUJ/KVK-K/DAMU/23-24/748	Bulletin No: 17 (DAMU Kathua)/2023-24	Dated: 30-05-2023
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District: Kathua

Weather summary of previous 5 days (25th to 29th May., 2023)	Range of Max. Temperature (°C)	-				
	Range of Min. Temperature (°C)	-				
	Range of Relative Humidity (%)	-				
	Rainfall (mm)	-				
Ensembled forecast for next 5 days (0830 hrs, 31st May to 4th June., 2023)	Date	31/05/23	01/06/23	02/06/23	03/06/23	04/06/23
	Rainfall (mm)	20	6	13	12	1
	Maximum Temp(°C)	33.3	31.3	28.2	32.3	33.7
	Minimum Temp(°C)	18.6	16.1	15.8	17.3	17.6
	% RH (Max)	49	42	45	46	35
	%RH (Min)	28	24	26	25	20
	Wind Speed in kms	12	16	10	8	10
	Wind Direction	72	112	28	34	34
Cloudiness (okta)	7	7	7	6	1	

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 31st May to 4th June, 2023

With chances of light to moderate rainfall in between 31st May and 4th June, the sky will likely to remain partially cloudy during the next five days. The maximum temperature may vary from 28.2 to 33.7 degree Celsius while, minimum temperature may range from 15.8 to 18.6 degree celsius. During this period wind will blow from North North East to East direction with the average speed of 8 to 16 km/hr. The morning relative humidity may range from 35 to 49% and evening relative humidity may range from 20 to 28 % during the period.

Crop	Stage	Weather based Agro- advisories
Rice	Nursery raising	Farmers may go for land preparation and nursery raising of transplanted rice. Treat seed with Carbendazim or Bavistin @ 2gm/kg before sowing. Keep the already sown nursery area free from weeds by mechanical methods or use butachlor granules 5G @ 30 kg/ha in puddle soil after emergence of first leaf. Clean bunds of the main field. Initiate land preparation of the fields where rice seedlings are to be transplanted and also apply the recommended quantity of well rotten FYM/Compost 15 tonnes /ha with the first ploughing for its better mixing.
Maize	Land preparation/Sowing	Start land preparation for sowing of maize crop.
Pulses Summer pulses (mash/moong)	Pod formation	Postpone irrigation due to sufficient soil moisture.
Horticulture Citrus/Mango/ Guava	Young/Bearing	Keep the tree basin free of weeds. Irrigate the plants as and when required. Whitewash the tree trunks with slaked lime and copper sulphate against sunburn and fungal diseases. Spray 2,4-D @ 10 ppm during clear weather against citrus fruit drop in citrus.



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		<p>Spray copper oxychloride @ 3gm/lt during clear day in mango to check leaf blight and twig dieback.</p> <p>Spray dimethoate @1ml/lt during clear day against mango hoppers in mango.</p> <p>Spray dimethoate @1ml/lt during clear day to check citrus psylla, leaf miner and citrus butterfly.</p>
Vegetables Tomato/Brinjal	Fruiting	<p>Spray prophenfos @ 1ml/lt of water during clear weather to control shoot and fruit borer in brinjal and fruit borer in tomato. Monitor tomato crop for leaf curl.</p>
Cucurbits (Cucumber/ bottlegourd/ pumpkin)	Fruiting	<p>Black spots on leaves and drying of vines due to Downey mildew, restrict irrigation to the crop. Spray metalaxyl in combination with carbendazim @ 1gm /lt at 7 days interval to control the disease.</p>
Apiculture		<p>Farmers are advised to inspect honey bee colonies after every fortnight interval to maintain cleanliness and to avoid mortality of honey bees due to brood and disease infestation.</p> <p>Migrate bee colonies near to floral resources. Prepare colonies for honey flow.</p>
Poultry		<p>Chicks should be supplemented with balanced ration to prevent occurrence of nutritionally deficient diseases. Vaccination of chicks against Fowl pox disease should be done at age of 6 weeks. Further, farmers are advised to look for any symptoms of disease on regular basis and follow all necessary protocols in case of suspect cases.</p>
Live stock: Dairy animals, Sheeps and Goats		<p>Add calcium supplement in the diet of dairy animals and heifers to prevent calcium deficiency and intestinal blockage. Increase in average daily temperature leads to frequent incidences of ecto-parasites and endo-parasites infection. So, deworming of all livestock needs to be done against helminths using fenbendazole or closantel. Cattle should be vaccinated against FMD (Foot & Mouth Disease), HS (Hemorrhagic septicemia). Considering the increase in ambient temperature, animals should be housed in well-ventilated farms. Further, they should be provided with clean drinking water <i>ad libitum</i>.</p>

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