



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
Email: damukathua@gmail.com; kvkkathua@skuast.org



No. AUJ/KVK-K/DAMU/22-23/4248	Bulletin No: 104 (DAMU Kathua)/2022-23	Dated: 31-03-2023
Phone:0192-232989	Website: www.skuast.org	Fax: 0192-232989

District: Kathua

Weather summary of previous 5 days (26th to 30th March., 2023)	Range of Max. Temperature (°C)	24.2-29.0				
	Range of Min. Temperature (°C)	12.4-18.4				
	Range of Relative Humidity (%)	NA				
	Rainfall (mm)	7.0				
Ensembled forecast for next 5 days (0830 hrs, 1st to 5th April, 2023)	Date	01/04/23	02/04/23	03/04/23	04/04/23	05/04/23
	Rainfall (mm)	30	20	5	25	20
	Maximum Temp	27	27	27	27	27
	Minimum Temp	15	15	15	15	15
	% RH (Max)	90	90	90	90	90
	%RH (Min)	70	70	70	70	70
	Wind Speed in kms	1	1	1	1	1
	Wind Direction	45	30	40	85	30
	Cloudiness	8	8	7	8	8

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 1st to 5th April, 2022

With chances of light to moderate rainfall in between 1st and 5th April, the sky will likely to remain mostly cloudy during the next five days. The maximum temperature may remain 27 degree celsius while, minimum temperature may remain 15 degree celsius. During this period wind will blow from North North East to East North East direction with the average speed of 1km/hr. The morning relative humidity may remain 90% and evening relative humidity may remain 70% during the period.

	Stage	Weather based Agro- advisories
Wheat Normal Sown	Grain formation	In view of chances of rainfall farmers are advised to not allow the rain water to stagnate in field and also make proper arrangements for drainage of rain water from wheat crop. To control loose smut, farmers are advised to rogue out affected plants and destroy by burning or deep burying under soil to avoid further dispersal.
Late Sown/Very late Sown	Milking	
Oilseed Mustard	Maturity/ Physiological maturity	In view of chances of rainfall farmers are advised to postpone the harvesting of mustard. Those farmers who have already harvest the crop are advised to shift the produce at safer places.
Pulses Chickpea	Pod formation	Postpone the application of plant protection chemicals.
Blackgram (mash)	Sowing	Farmers are advised to sow the summer blackgram (mash) var. Uttara, KUG 479 and Pant U 19 under optimum soil moisture conditions.
Greengram (moong)	Sowing	Farmers are advised to sow the greengram (moong) var. Pusa Vishal, SML 668 and IPM 2-3 under optimum soil moisture conditions. Inoculate the seed with rhizobium culture before sowing.



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
Email: damukathua@gmail.com; kvkkathua@skuast.org



Horticulture Citrus/Mango/ Guava	Young/Bearing	Apply the recommended dose of manures and fertilizers to the plants. Irrigate the plants at intervals. Prune and destroy dead, diseased shoots in citrus. Spray copper oxychloride @ 3gm/ litre in citrus during clear weather to check dieback and canker in citrus. To control mealy bug in mango, apply methyl parathion dust @ 250 mg /tree.
Vegetables Okra Frenchbean Tomato/Brinjal/ Chillies/ Cucumber/ bottlegourd/ bittergourd/ pumpkin	Sowing Sowing Transplanting	Farmers are advised to sow the Okra var. Pusa Sawani, Arka anamika and Jammu okra 05. Farmers are advised to sow the frenchbean crop var. Contender and Pusa Parvati. Transplanting of seedlings is recommended. Spray bavistin @ 1gm/litre as prophylactic spray against post damping off disease.
Apiculture		Need based sugar feeding is recommended. Inspect bee colonies at regular intervals.
Poultry		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.
Live stock: Dairy animals, Sheeps and Goats		Add calcium supplement in the diet of dairy animals and heifers especially when fed rice straw these days to prevent calcium deficiency and intestinal blockage. Increase in average daily temperature leads to frequent incidences of ectoparasites and endoparasites 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).

Dr Vishal Mahajan
Head KVK Kathua

Dr Ashu Sharma
SMS Agromet, KVK Kathua