



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
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Jammu

Weather summary of previous 5 days (13th to 17th July, 2017)	Range of Max. Temperature (°C)	34.5-36.2
	Range of Min. Temperature (°C)	23.5-25.7
	Range of Relative Humidity (%)	53-92
	Rainfall (mm)	2.6

Ensembled forecast for next 5 days (0830 hrs, 19th to 23rd July, 2017)	Date	19/07/17	20/07/17	21/07/17	22/07/17	23/07/17
	Rainfall (mm)	10	5	10	10	15
	Max. temperature (°C)	31	31	31	31	31
	Min. temperature (°C)	24	24	24	24	24
	Total cloud cover (Okta)	7	7	7	7	7
	RH at 08:30 Hrs (%)	80	80	80	80	80
	RH at 17:30 Hrs (%)	70	70	70	70	70
	Wind speed (km/hr.)	1	1	1	1	1
	Wind direction (degrees)	60	85	140	55	55

Weather may remain cloudy with chances of light to moderate rainfall for next 5 days. Maximum temperature will remain below normal value of (38.8 °C) by 7°C and may remain 31°C while minimum temperature will remain below normal value of (24.9°C) by 1°C and may remain 24°C. Winds may blow from North East to South East direction with the speed of 1 km/hr. The morning relative humidity may remain 80% and 70% respectively during this period.

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 19th to 23rd July, 2017

Crop	Stage	Weather based Agro- advisories
Paddy	Transplanting	Due to chances of rainfall, farmers are advised to bund their fields to retain rain water for puddling. Make necessary arrangement to drain out excess water from transplanted fields. Postpone transplanting till weather gets clear.
Kharif Pulses (moong/mash)	Sowing /germination	Postpone the sowing of <i>kharif</i> moong and mash till weather gets clear. Drain out excess water from the fields.
Maize	Germination/ Sowing	Due to chances of rain for next 5 days, make arrangement to drain out excess water from the fields wherever crop is there. Donot allow water to stagnate in fields.
Floriculture: Rainy annuals/ Chrysanthemum		Make arrangement to drain out excess water from the fields. Postpone plant protection measures.
Vegetables: Cucurbits /Beans/ Brinjal	Flowering/ fruiting	Do not allow rain water to stand in the fields. Postpone plant protection measures as well as application of fertilizers. Avoid direct contact of cucurbits fruit with soil.
Horticulture Mango	Young/Bearing	Postpone plant protection measures till weather gets clear. Make arrangements to drain out excess rain water from the orchards.
Mushroom Milky mushroom		Due to increase in morning and evening relative humidity in the atmosphere, farmers can go for early spawning of mushroom Heap wheat straw in store for the upcoming season for normal and late mushroom spawning.
Sericulture Mulberry	Tree plantation	Mulberry saplings can be transplanted during this period. Apical cut must be given at a height of 175-180 cm.
Cocoon crop	Harvested cocoons	Cocoons harvested during April month should be loosely packed in muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till sale of the crop.
Apiculture		To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water.
Fisheries Culture fisheries	Yearlings/ Fingerlings/fry	Farmers should check the outlet and water level of the pond in order to avoid the escape out of fish live-stock from ponds. Apply screen to the



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Capture fisheries		outlet. Fishermen should be careful while netting operations in the wild, especially rivers.
Live stock: Dairy animals, Sheeps and Goats		Supplementary mineral mixture with 50 gm iodized salt regularly to the milking and pregnant animals Provide clean water for drinking to the animals at frequent intervals to save animals from heat stroke. Give vaccination against BQ and HS. Ensure green fodder to the livestock.

*Postpone the application of fertilizers as well as plant protection measures till weather gets clear.

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