



**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**

<b>Weather summary of previous 5 days (21<sup>st</sup> to 25<sup>th</sup> May, 2017)</b>	<b>Range of Max. Temperature (°C)</b>	27.8-41.2				
	<b>Range of Min. Temperature (°C)</b>	19.8-22.				
	<b>Range of Relative Humidity (%)</b>	25-75				
	<b>Rainfall (mm)</b>	2.8				
<b>Ensembled forecast for next 5 days (0830 hrs, 27<sup>th</sup> to 31<sup>st</sup> May , 2017)</b>	<b>Date</b>	<b>27/05/17</b>	<b>28/05/17</b>	<b>29/05/17</b>	<b>30/05/17</b>	<b>31/05/17</b>
	<b>Rainfall (mm)</b>	0	0	0	0	0
	<b>Max. temperature (°C)</b>	41	42	42	43	43
	<b>Min. temperature (°C)</b>	28	29	29	30	30
	<b>Total cloud cover (Okta)</b>	1	1	1	1	1
	<b>RH at 08:30 Hrs (%)</b>	40	40	35	35	35
	<b>RH at 17:30 Hrs (%)</b>	25	25	25	25	25
	<b>Wind speed (km/hr.)</b>	1	1	1	1	1
	<b>Wind direction (degrees)</b>	60	70	60	75	55

Weather may remain clear for next five days. Maximum temperature will be above normal value of (39.4 °C) by 3.0°C and it may range from 41°C to 43°C while minimum temperature will be above normal value of (23.1°C) by 6°C and may range from 28°C to 30°C. Winds may blow from North East to East north east direction with speed of 1 km/hr. The morning relative humidity may range from 35 to 40% and the evening relative humidity may remain 30% during this period.

**WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 27<sup>th</sup> to 31<sup>st</sup> May, 2017**

<b>Crop</b>	<b>Stage</b>	<b>Weather based Agro- advisories</b>
Paddy	Nursery raising	Land preparation and nursery raising of early transplanted rice (var. IET-1410, K-39, Ratna, PC-19, Jaya) is recommended. Treat seed with Carbendazim or Bavistin @ 2gm/Kg before nursery raising. Keep the already sown nursery area free from weeds by mechanical methods or use butachlor granuals 5G @ 30 kg/ha in puddle soil after emergence of 1st 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.
Pulses Summer pulses (moong/mash)	Pod formation (normal sown)/ Flowering (late sown)	Spray the crop with dimethoate 30EC or methyl demeton 25EC @ 1 lt/ha in 1000lt of water.
Vegetables:  Brinjal	Harvesting/ fruiting	Due to high infestation of fruit and shoot borer at present situation, clip off shoots/fruits infected with borer and bury them inside the soil. Spray mixture of profenfos + cypermethrin (4:40) @ 1ml/lt of water at 10 days interval after harvesting of fruit to control infestation of borers.
Cucurbits	Flowering/ fruiting	Spray mancozeb @ 0.2%, if symptoms of downey mildew is observed. Remove the virus infected plants and spray imidacloprid @ 0.5ml/lt of water. To control fruit fly, apply malathion @ 1gm/lt at weekly interval. Use of fruit fly traps is also recommended @ 1-2 traps/kanal.
Tomato	Flowering/ fruiting	To control fruit borer, spray profenfos + cypermethrin (4:40) @ 1ml/lt of water. To control tomato leaf curl remove virus infected plants and spray imidacloprid @ 0.5ml/lt of water to check secondary spread of disease.To control early blight, spray mancozeb @ 0.25%.
Okra	Summer crop	Rogue out yellow leaf plants if observed. Harvest tender fruits at regular interval. Maintain proper moisture in soil.



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Turmeric	Sowing	Farmers may go for sowing of turmeric before rainfall, if not sown yet.
Summer Fodder (maize +cowpea+charri) and bajra	Early vegetative	Irrigate the crop as per requirement.
Floriculture Marigold	Flowering	Spray cypermethrin @ 1ml/lt of water to control caterpillar attack.
Ornithogalum	vegetative	Clipping of shoot tips for making cuttings
Tuberose	vegetative Flowering	Undertake Weeding and hoeing in new plantation to maintain soil moisture and keep the field free from weeds.
Horticultue Mango	Young/Bearing	Give frequent irrigation to young plants. Remove water suckers.  Farmers may spray imidacloprid @ 0.3ml/lt water to check leaf hopper & mealy bug and dimethoate @ 1ml/lt to control mango hopper.
Citrus	Young/Bearing	Protect young fruit plants from heat by providing thatches/cover but ensure free circulation of air. Spray dimethoate @ 1ml/lt to control citrus psylla, leaf miner & butterfly.
Mushroom Milky mushroom		Milky mushroom spawn may be booked at the earliest and the spawning can be done in the months of May to June. Heap wheat straw in store for the upcoming season during June-September.
Sericulture Mulberry	Tree plantation	Basin should be prepared around mulberry trees. Give irrigation as per requirement of crop. Prune the dead wood.
Cocoon crop	Harvested cocoons	Pack the cocoons harvested during April month in loosely packed muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till sale of the crop.
Apiculture		Keep colonies in shade or cover with wet gunny bags. Provide adequate space to the colonies for brood rearing and storage of nectar. To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water.
Fisheries (Carp Farming)	Yearlings/ fish seed	After pre stocking management practices like liming, fertilization, farmers can go for stocking the seed of common carp fish, which is presently available at the department of Fisheries, J&K Govt. In case farmers have already stocked the fish stock, they should maintain the optimum water level in order to avoid any harm due to risin temperature especially during day time.
Live stock: Dairy animals/ Sheep & Goat		Provide adequate amount of fresh cool and clean drinking water to the animals at frequent intervals to save animals from heat stroke. Provide water bath 3-4 times in a day. Sprinkle water in sheds to reduce heat stress. or keep all the animals under shade and if possible provide coolers to cross bred cattles during the day time If not vaccinated yet, get the animals vaccinated against foot and mouth and Gal Gotu diseases. Supplementary mineral mixture should be given regularly to the milking and pregnant animals.

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