



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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23.4 Weather summary of previous 5 days (18th to 22nd May, 2017)	Range of Max. Temperature (°C)	27.0-36.0				
	Range of Min. Temperature (°C)	20.0-23.4				
	Range of Relative Humidity (%)	31-61				
	Rainfall (mm)	2.2				
Ensembled forecast for next 5 days (0830 hrs, 24th to 28th May, 2017)	Date	24/05/17	25/05/17	26/05/17	27/05/17	28/05/17
	Rainfall (mm)	0	0	0	0	0
	Max. temperature (°C)	29	29	30	30	30
	Min. temperature (°C)	20	20	21	21	22
	Total cloud cover (Okta)	1	1	1	1	1
	RH Max (%)	55	55	55	50	50
	RH Min (%)	50	50	45	45	45
	Wind speed (km/hr.)	1	1	1	1	1
	Wind direction (degrees)	65	55	60	75	80

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 24th to 28th May, 2017

Crop	Stage	Weather based Agro- advisories
Paddy	Nursery raising	Farmers may go for land preparation and nursery raising of early transplanted rice (var. IET-1410, K-39, Ratna, PC-19, Jaya). Treat seed with Carbendazim or Bavistin @2gm/Kg before nursery raising. Soil solarization of the nursery land for Basmati may be done by alternate irrigation and ploughing.
Fallow land	Soil solarization	Famers can go for deep ploughing to conserve the moisture. Incorporate well rotten F.Y.M. in the fields where Kharif maize and paddy nurseries are to be sown in June.
Pulses Summer pulses (moong/mash)	Vegetative	Farmers may take up Hoeing and weeding.
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/lit 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/lit of water. To control fruit fly, apply malathion @ 1gm/lit 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/lit of water. To control tomato leaf curl remove virus infected plants and spray imidacloprid @ 0.5ml/lit 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.
Summer Fodder (maize +cowpea+ charri) and bajra	Early vegetative	Irrigate the crop as and when required.



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Floriculture Marigold	Flowering	Spray cypermethrin @ 1ml/lit of water to control caterpillar attack.
Ornithogalum	vegetative	Clipping of shoot tips for making cuttings
Tuberose	vegetative Flowering	Harvest bulbs in old plantation. Undertake Weeding and hoeing in new plantation to maintain soil moisture and keep the field free from weeds.
Horticulture Mango	Young/Bearing	Give frequent irrigation to young plants. Remove water suckers. Farmers may spray imidacloprid @ 0.3ml/lit water during clear weather to check leaf hopper & mealy bug and dimethoate @ 1ml/lit 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/lit to control citrus psylla, leaf miner & butterfly.
Mushroom Oyster mushroom	Fruiting	Dry the oyster mushroom if not sold on the same day.
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 Cocoon crop	Tree plantation Harvested cocoons	Basin should be prepared around mulberry trees. Give irrigation as per requirement of crop. Prune the dead wood. 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 rising temperature especially during day time.
Live stock: Dairy animals/ Sheep & Goat		Sprinkle water in sheds to reduce heat stress. Provide water bath 3-4 times in a day. Plant shady trees around the sheds. Increase protein content in animal ration by 2%. Mineral mixture should be supplemented in diet. Give vaccination against FMD. Livestock needs to be dewormed against strongyles in plain areas of Jammu. Provide adequate amount of fresh cool and clean drinking water.

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