



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 (17th to 21st November, 2017)	Range of Max. Temperature (°C)	21.2-23.9
	Range of Min. Temperature (°C)	8.7-11.2
	Range of Relative Humidity (%)	69-86
	Rainfall (mm)	0.0

Ensembled forecast for next 5 days (0830 hrs, 22nd to 26th November, 2017)	Date	22/11/17	23/11/17	24/11/17	25/11/17	2/11/17
	Rainfall (mm)	0	0	0	0	0
	Max. temperature (°C)	22	22	22	21	21
	Min. temperature (°C)	9	9	8	8	8
	Total cloud cover (Okta)	2	2	1	1	1
	RH at 08:30 Hrs (%)	75	75	75	75	75
	RH at 17:30 Hrs (%)	65	65	65	60	60
	Wind speed (km/hr.)	1	1	1	1	1
Wind direction (degrees)	25	25	25	70	30	

Weather may remain clear for next five days. Maximum temperature will be below the normal value of (25.1⁰C) by 4.0⁰C and may range from 21⁰C to 22⁰C while minimum temperature will be above normal value of (9.1⁰C) by 1.0⁰C and may range from 8⁰C to 9⁰C. Winds may blow in North East direction with the speed of 1.0 km/hr. The morning relative humidity may remain and evening relative humidity may range from 60% to 65% during this period.

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 22nd to 26th November, 2017

Crop	Stage	Weather based Agro- advisories
Wheat	Sowing	Due to the presence of sufficient moisture in the soil. Farmers are advised to continue the sowing of wheat variety (PBW-644, WH-1080 and PBW-396 for rainfed areas and PBW-550, DBW-16, Raj-3077, RSP-303, WH-1105, HD-2987 under irrigated area with seed rate 100kg/ha. But before sowing treat the seed with vitavax or bavistin or agrozim @ 2g/kg of seed in order to avoid the crop from seed borne disease. Apply recommended dose of fertilizer as basal dose in rainfed and irrigate conditions.
Oilseed		Farmer can go for hoeing and weeding in mustard crop in order conserve moisture.
Gobi sarson	Early vegetative	Apply 1 st dose of urea under soil moisture condition. Install delta sticky traps (5/kanal) to monitor and control aphid.
Mustard (Late sown)	Sowing/Emergence/ 6 th leaf	Sowing of late sown mustard crop var. Kranti can be taken up in irrigated areas whereas under rainfed areas sowing of RSPR-03 can be carried on fields having conserved moisture.
Barley crop	Sowing	Farmer are advice to complete the sowing of barley (var. Ratna, Jyoti and Sonu) with seed rate 100 kg/ha in rainfed areas. Before sowing 2-3 ploughing with disc harrow when soil is in batter condition in order to get good tilth and each ploughing followed by planking in order to conserve moisture in situ condition.
Fodder (Berseem) Irrigated	Vegetative/first Cut	Give Irrigation to the crop followed by top dressing of urea.
Rabi pulses Chickpea	Branching	Hoeing & weeding is recommended.
Lentil	Early Vegetative	Continue the sowing of Lentil (var.: L-4147, L-9/12, PL-406). Treat seed with fungicides (Captan or Thiram) @ 2.0 gm/kg of seed as well as with crop-specific Rhizobium culture. Give hoeing and weeding after 20 days of sowing crop.



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Vegetables		Give irrigation as per requirement. Use sticky traps (5/kanal) and pheromone trap (1/kanal) for monitoring/ mass trapping of insect pest. Drenching of Carbendazim @ 0.1% for managing damping off in vegetables.
Onion	Sowing	Sow rabi onion on raised nursery beds.
Cole crops(cabbage, cauliflower, broccoli & knol khol)	Transplanting (Medium sown) Curd initiation (Early sown)	Weeding & hoeing is recommended. Collect and destroy larva. To control cabbage fly, spray cypermethrin @ 1ml/lt of water or spinosad @ 0.5ml/lt of water. Spray rogor or Metasystox @ 1.5ml/lt of water to control aphid
Potato	vegetative	Give weeding, hoeing and earthing up followed by irrigation. Go for earthing-up as the crop attains height of 15-22 cm.
Tomato	(early sown) flowering/fruiting	Leaf curling due to attack of white fly is observed. Spray dimethoate 1.5ml/lt of water as a control measure.
Solanaceous (brinjal, tomato etc)	nursery sowing	Use healthy & disease free seeds. Treat seed with carbendazim @ 1gm/kg seed to reduce chances of seed borne inoculums. Nursery beds should be made raised to prevent the water stagnation hence Pythium.
Horticulture Mango/ Citrus/ Guava	Young/Bearing	Drench wilt affected guava orchards with carbendazim @ 1gm/lt. Remove dry shoots and destroy them to control mango scale and shoot borer. Flood mango orchards to kill the eggs of mealy bugs.
Floriculture Chrysanthemum	Vegetative, budding	Give irrigation as per requirement. Spray chrysanthemum with bavistin or DM-45 @ 1gm/lt or 2gm/lt respectively to keep away fungal diseases.
Marigold	Transplanting	Pinching in November transplanted crop is recommended.
Gladiolus	Planting	Give Light irrigation on alternative days till sprouting.
Freesia	Planting	Planting of corms in the field is recommended.
Rose		Pruning of old branches and irrigation of bed is recommended.
Sericulture Mulberry	Tree plantation	Basin should be prepared around mulberry trees. Irrigation should be ensured once a month. Dead wood should be pruned.
Cocoon crop	Post harvest	Cocoons harvested during October should be loosely packed in muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till marketing. Cocoon bags should be kept in well ventilated rooms to avoid dampness.
Button mushroom	Spawning	If possible the spawning of button mushroom may be delayed owing to prevailing high temperature. Those who have already done the spawning, try to maintain the temperature in the range of 20 to 23°C
Apiculture		Spray chloropyriphos around boxes of apiary for protection from termites or put the leg of these beehives stand in water pot. Migrate colonies to areas having floral resources (near toria/vegetable crops).
Live stock: Sheep & Goat		Supplement concentrates in the diet of sheep and goat in order to



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Dairy animals		acclimatize to cold condition. Calcium should be supplemented in the diet of dairy animal as rice straw feeding leads to depletion of Ca levels in the blood thereby reduces milk yield and general health condition. Deworming of all livestock needs to be done against helminths using fenbendazole or closantel.
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