



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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Weather summary of previous 5 days (17 th to 21 st November, 2017)	Range of Max. Temperature (°C)	18.4-21.0				
	Range of Min. Temperature (°C)	9.3-11.5				
	Range of Relative Humidity (%)	68-78				
	Rainfall (mm)	6.4				
Ensembled forecast for next 5 days (0830 hrs, 22 nd to 26 th November, 2017)	Date	18/11/17	19/11/17	20/11/17	21/11/17	22/11/17
	Rainfall (mm)	0	0	0	0	0
	Max. temperature (°C)	21	20	20	20	20
	Min. temperature (°C)	10	10	9	9	9
	Total cloud cover (Okta)	2	2	1	1	1
	RH Max (%)	75	75	75	70	70
	RH Min (%)	65	65	65	60	60
	Wind speed (km/hr.)	1	1	1	1	1
	Wind direction (degrees)	78	135	134	190	90

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

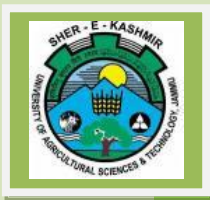
Crop	Stage	Weather based Agro- advisories
Barley crop	Sowing	Farmer are advice to complete the sowing of barley (var. Ratna, Jyoti and Sonu) with seed rate 100 kg/ha in rainfed areas. Before sowing 2-3 ploughing with disc harrow when soil is in batter condition in order to get good tilth and each ploughing followed by planking in order to conserve moisture in situ condition.
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	Early vegetative	Farmer can go for hoeing and weeding in mustard crop in order conserve moisture.
Gobi sarson		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
Rabi pulses	Branching	Hoeing & weeding is recommended.
Chickpea		
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.
Fodder (Berseem) Irrigated	Vegetative/first Cut	Give Irrigation to the crop followed by top dressing of urea.
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,	Transplanting (Medium sown)	Weeding & hoeing is recommended. Collect and destroy larva. To control cabbage fly, spray cypermethrin @ 1ml.lt of water or spinosed @ 0.5ml/lt



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cauliflower, broccoli & knol khol)	Curd initiation (Early sown)	of water. Spray rogor or Metasystox @ 1.5ml/lit 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/lit of water as a control measure.
Solanaceous (brinjal, tomato etc)	nursery sowing	Use healthy & disease free seeds. Treat seed with carbendazim @ 1gm/1kg 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/lit. 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/lit or 2gm/lit 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 ^o 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 acclimatize to cold condition.
Dairy animals		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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Fine Rice	Harvesting/	Due to chances of light rainfall, farmers are advised to shift harvested



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	threshing /storage	paddy/threshed grains from fields to safer places.
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