



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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District:Jammu

Weather summary of previous 5 days (11th to, 15th Nov 2018)	Range of Max. Temperature (⁰ C)	20.6-24.8
	Range of Min. Temperature (⁰ C)	9.0-11.6
	Range of Relative Humidity (%)	41-95
	Rainfall (mm)	0.8

Ensembled forecast for next 5 days (0830 hrs, 17th to 21st Nov, 2018)	Date	17/11/18	18/11/18	19/11/18	20/11/18	21/11/18
	Rainfall (mm)	0	0	0	0	0
	Maximum Temp	25	25	25	24	24
	Minimum Temp	9	9	9	8	8
	% RH (Max)	80	80	80	80	80
	%RH (Min)	60	60	60	60	60
	Wind Speed in kms	1	1	1	1	1
	Wind Direction	25	30	25	30	25
Cloudiness	1	3	4	1	1	

The sky may remain fair to partially cloudy for next five days. Maximum temperature may range from 24°C to 25°C which will be below normal by 2°C. While minimum temperature may range from 8°C to 9°C which will be below normal by 2°C. Winds may blow in North North East direction with the speed of 1km/hr. The morning & evening relative humidity may remains 80% & 60% respectively during this period.

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 17th to 21st Nov, 2018

Crop	Stage	Weather based Agro- advisories
Wheat Irrigated/Rainfed	Sowing	Due to the presence of sufficient moisture in the soil. Farmers are advised to continue the sowing of wheat variety (PBW-396, PBW-175 and RSP-81 (jitto) for rainfed areas and PBW-550, DBW-17, Raj-3077, RSP-303, WH-542, PBW-502, HD-2687 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.
Fine Rice	Harvesting/ threshing /storage	Sun dry grains after threshing in the open to reduce moisture in the grains to safe limits (10-12%) for storage. Clean the godowns properly by removing all the grains and other debris of previously stored crop.
Rabi pulses (Chickpea Pea Lentil	Branching Sowing/germination Sowing/germination	Hoing & weeding is recommended in chickpea to conserve soil moisture. Sowing of Pea (var. AP-1, Bonnevillea, Rachna and Arkel) may be completed in rainfed areas and taken up to 25 November in irrigated areas. Sowing of Lentil (var.: L-4147, L-9/12, PL-406), must be continued in irrigated and rainfed areas during clear weather. Treat the seed with fungicides (Captan or Thiram) @ 2.0 gm/kg of seed as well as with crop-specific Rhizobium culture.
Oilseed Gobi sarson Mustard (Late sown) Torlia	Early vegetative Sowing/Emergence/ 6 th leaf/ Early vegetative Flowering	Due to sufficient moisture in soil, apply 1 st dose of urea. 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 due to sufficient soil moisture. Thinning is recommended in 10-12 days crop and weeding is recommended in 20-25 days old crop. Install delta sticky traps (5/kanal), if aphid is observed in crop.
Floriculture:		Take care that plant roots are not injured in any way while weeding. Remove the stock sprout, suckers and water sprout from budded/grafted plants.



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Chrysanthemum	Bud initiation	Spray bavistin or DM-45 @ 1gm/lt or 2gm/lt respectively to keep away fungal diseases. Hoeing & Staking is recommended. Disbudding in standard cultivar is recommended.
Rose	Post flowering	Pruning is recommended to remove old flowering shoots so as to enhance the growth of new shoots.
Marigold	Flowering	Pinching in November transplanted crop is recommended.
Gladiolus	Planting	Postpone irrigation due to sufficient moisture in soil.
Fresia	Planting	Planting of corms in the field is recommended.
Vegetables:		Postpone irrigation due to chances of rain. 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 is recommended.
Cole crops	Knob/curd/head initiation	Keep the field weed free. Earthing up must be done. Apply Nuvan @ 1ml/lt of water to avoid the attack of cabbage caterpillar/leaf eating caterpillars. Weeding & hoeing is recommended. Collect and destroy larva. To control cabbage fly, spray cypermethrin @ 1ml. lt of water or spinosed @ 0.5ml/lt of water.
Onion/Radish/ carrot/Kale	Vegetative	Apply urea @ 2kg/kanal as top dressing. Proper earthing up must be done. Avoid exposure of roots to direct sunlight.
Coriander, fenugreek & spinach	First harvest	Take first cut leaving 2cm above the ground. Keep crop lines weed free. Apply urea @ 1kg/kanal as top dressing
Solanaceous (brinjal, tomato etc)	Nursery sowing	Use healthy & disease free seeds. Treat seed with carbendazim @ 1gm/1kg seed to reduce chances of seed borne inoculum nursery beds should be made raised to prevent the water stagnation hence Pythium.
Potato	Vegetative	Give weeding, hoeing and earthing up. Go for earthing-up as the crop attains height of 15-22 cm. Attack of hairy caterpillar is observed in all crops. To control the insect, bury leaves having eggs & larva of the insect. Spray dichlorovos @ 1.0ml/lt of water or chloropyriphos 20EC @ 1.5ml/lt of water at weekly interval.
Fodder (Berseem) Irrigated	Sowing	Apply urea as top dressing.
Horticulture Mango /Guava/ Citrus	Young/Bearing	Give light spray of Urea to weak and pale plants. Remove the water suckers and keep the area clean. Remove the tying material from bud/graft union. Cultivate land between plants to loosen soil and kill different insect pests.
Sericulture: Mulberry	Tree plantation	Postpone irrigation.



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Cocoon crop	Harvested cocoons	Cocoons should be stifled properly and stored in muslin bags, kept in well ventilated rooms to avoid any dermestid and rodent attacks.
Button mushroom (<i>A bispora</i>)	Pin initiation	Maintain 85%-90% relative humidity and temperature 16 ⁰ C to 18 ⁰ C in the cropping room. Provide proper ventilation in the cropping room. Maintain proper hygienic conditions in and around growing rooms. Spray chlorothalonil 0.05% if any competitor mould is observed. Maintain strict vigilance.
Poultry		There should be a good source of light and heat in poultry houses. Proper hygiene should be maintained. Well-insulated windows can act as a sun trap during winters.
Apiculture		Give artificial sugar feeding in the ratio of 2:1. Migrate colonies to areas having floral resources (near toria/vegetable crops). Spray chloropyrifos around boxes of apiary for protection from termites or put the leg of these beehives stand in water pot
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.
Fisheries: Fingerling/advanced fingerlings		In case of appearance of algal bloom in the fish pond, farmers should not further add any manure/fertilizer/feed for some days. Remove algal bloom by the addition of fresh water in to the fish pond. Apply regular supplementary feed on daily basis @ 2-3% of estimated total fish biomass in the pond.

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