

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 (19 th to 23 rd April, 2018)	Range of Max. Temperature (°C)	23.3-31.4				
	Range of Min. Temperature (°C)	11.5-19.8				
	Range of Relative Humidity (%)	24-78				
	Rainfall (mm)	17.8				
Ensembled forecast for next 5 days (0830 hrs, 25 th to 29 th April, 2018)	Date	25/04/18	26/04/18	27/04/18	28/04/18	29/04/18
	Rainfall (mm)	0	0	0	2	0
	Max. temperature (°C)	32	32	33	30	31
	Min. temperature (°C)	18	18	19	18	19
	Total cloud cover (Okta)	1	1	1	4	1
	RH Max (%)	45	45	40	55	40
	RH Min (%)	25	25	20	40	30
	Wind speed (km/hr.)	1	1	1	1	1
Wind direction (degrees)	30	30	30	25	26	

WEATHER FORECAST BASED ON AGROMET ADVISORIES W.E.F 25th to 29th April, 2018

Crop	Stage	Weather based Agro- advisories
Pulses Summer pulses (moong/mash)	Sowing/ Seedling	Sowing of summer pulses is recommended due to sufficient moisture in soil. Hoeing and weeding may be done to conserve soil moisture and proper aeration of the roots and to keep the weeds under check.
Pea/Gram/lentil	Physiological maturity	Harvesting and threshing of rabi pulses is recommended.
Oilseeds Mustard	Physiological maturity	Threshing is recommended as soon as possible, as the weather is clear for next 3 days. Thrash the harvested crop and make arrangements for its safe storage.
Wheat Normal/Late sown	Physiological maturity	Due to clear weather, harvest the mature crop as early as possible as delay in harvesting will cause shattering of grains Store wheat grain after proper drying.
Fodder Summer fodder	Sowing	Sowing of summer fodder (maize+cowpea+charri) and bajra is recommended as soil is due to sufficient moisture in soil.
Green Manuring	sowing	Due to recent rain and sufficient moisture in soil, sowing of diancha for green manure @ 62.5 kg/ha should be done without further delay in fields where rice has to be taken during Kharif in order to maintain the soil fertility especially in rice-wheat system.The dose of phosphorus recommended for the rice crop to be taken after Dhaincha should be applied to dhaincha crop either through SSP or DAP.
Vegetables: Cucurbits	Fruiting	Maintain good fertility in soil for maximum female flowers in the vine. Spray thiomethoxam @ 0.5gm/lit of water and mancozeb @ 2.5gm/lit of water to give protection against beetle attack and anthracnose respectively.
Tomato/brinjal	Fruiting	Spray boron (borax) and calcium(CaCl ₂) @ 3ml/lit to check physiological disorders. To control fruit borer, Install pheromone traps @5/acre or spray cypermethrin 10EC @ 1ml/.
Onion/garlic	Bulb maturity	Keep check on diseases and thrips by prophylactic spray dithane M-45 @ 2.5gm/lit. Harvesting of mature crop is recommended.
Floriculture Summer annuals	Seedling	Hoeing and weeding is recommended to conserve soil moisture.
Tuberose	Planting	Planting of bulbs can be undertaken.

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Chrysanthemum	Mother stock	Cover Mother stock with shade net.
Horticulture		
Citrus	Young/Bearing	Remove water suckers. Keep the basins free of weeds. Spray dimethoate @1ml/lt of water to check citrus psylla and leaf miner attack. Spray 10ppm of 2,4D in citrus to check fruit drop.
Mango	Young/Bearing	Spray imidacloprid @ 0.3ml/lt water to check leaf hopper & mealy bug. Stake Feb –March planted plants to avoid lodging arising from their upright growth.
Grape /Papaya	Bearing	Fruit thinning in grape and papaya, if the crop load is heavy. Keep basin free of weeds.
Sericulture: Mulberry	Tree plantation	Mulberry Farm / individual mulberry trees should be irrigated periodically at an interval of 15-20 days.
Bivoltine cocoon crop	Disinfection of rearing halls/ appliances	Disinfection of used appliances in the recently completed spring rearing should be adopted with 2-14 per cent formaline solution.
Oyster Mushroom	Fruiting	Maintain temperature of cropping room between 21 °C -24 °C Maintain relative humidity between 85-90%. Spray chlorothalonil (0.05%) for the control of competitor fungi.
Milky mushroom		Mushroom growers interested in growing milky mushroom should book the spawn of milky mushroom from a reliable agency. Disinfect the room to be used for cultivation. Heap wheat straw in store for the upcoming season during June-September.
Apiculture		For protection against ants, put the legs of apiary into water so that ants could not attack the apiary.
Fisheries Carp farming	Advance Fingerlings/ yearlings	Add supplementary feed (mustard oilcake and Rice/Wheat bran) @ 3% of total fish biomass on daily basis. Farmers may go for partial harvesting/sale of marketable size.
Live stock: Dairy animals/ Sheep & Goat		Add calcium supplement in the diet of dairy animals and heifers especially fed rice straw these days to prevent calcium deficiency and intestinal blockage. Sheeps and goats need to be vaccinated against Sheep and Goat pox. Black Quarter vaccination must be carried among heifers above 4 month age.

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