



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 September, 2017)	Range of Max. Temperature (⁰C)	34.7-35.6				
	Range of Min. Temperature (⁰C)	18.4-23.5				
	Range of Relative Humidity (%)	37-87				
	Rainfall (mm)	0.0				
Ensembled forecast for next 5 days (0830 hrs, 23rd to 27th September , 2017)	Date	23/09/17	24/09/17	25/09/17	26/09/17	27/09/17
	Rainfall (mm)	0	0	0	0	0
	Max. temperature (⁰C)	34	34	34	33	33
	Min. temperature (⁰C)	24	23	23	22	22
	Total cloud cover (Okta)	1	1	1	1	1
	RH at 08:30 Hrs (%)	75	75	75	70	70
	RH at 17:30 Hrs (%)	60	60	60	55	55
	Wind speed (km/hr.)	1	1	1	1	1
Wind direction (degrees)	55	45	45	52	45	

Weather may remain dry and clear for next five days. Maximum temperature will be above normal value of (32.9⁰C) by 1⁰C and may range from 33⁰C to 34⁰C while minimum temperature will be above normal of (30.7⁰C) by 2⁰C and may range from 22⁰C to 24⁰C. Winds may blow in North East direction with the speed of 1 km/hr. The morning relative humidity may range from 70-75% and evening relative humidity may range from 55-60% respectively during this period.

WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 23rd to 27th September , 2017

Crop	Stage	Weather based Agro- advisories
Maize Early sown	Hard dough	Monitor early sown crop for its maturity. If the colour of the cob sheath has changed from green to straw colour, pick up the cobs and spread them on the dry threshing floor for thorough drying.
Normal sown	Milking	To control Cutworm , regular raking is recommended and install light trap @ 2 trap/ha or Soil application of Carbofuran/Cartap @ 1kg/kanal is recommended To control Stem Borer , give whorl application of Carbofuran/cartap @ 5gm per whorl.
Paddy Coarse Rice	Hard dough	Farmers are advised not to miss the irrigation. Weather is favourable for the attack of Blast and Brown spot disease and plant hopper attack.
Basmati	Ear head/ Anthesis	Spray tricyclozole @ 0.06% to control blast and spray mancozeb @ 0.25% to control brown spot . Give 2-3 sprays at 15 days interval. To control plant hopper , Install pheromone traps @ 1/kanal or spray Imidacloprid 200SL @ 0.25 ml/litre of water/Kanal.
Oilseed (Torja)	Sowing	Sowing of toria (RSPT-1, RSPT-2, RSPR-3) intercropped with gobi sarson (GSS-1) can be done under conserved moisture condition. Treat the seed with Captan/Thiram @3g/kg seed against alternaria blight/seedling rot. Apply whole quantity of P, K, S & half dose of N at the time of sowing.
Kharif Pulses Mash Late sown	Flowering	Give irrigation to late sown crop as per requirement. Weather is congenial for the attack of the following insects and diseases. Destroy young larvae of hairy caterpillar in gregarious phase. If population is high, spray Quinalphos @ 0.03% or Dichlorvos @ 0.05%.
Normal sown	Pod formation	Farmers are advised to manually rogue out yellow leaf plants (mosaic affected). Spray Imidacloprid @0.5% to check the population of white fly which is the major vector of disease.
Moong	Picking	Picking of mature pods is recommended to avoid shattering loss.
Vegetables:		Raise nursery of exotic vegetables like Chinese Cabbage, Red Cabbage, Parsely, Lettuce, Pakchoi Leek etc. during September.



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Rabi season Crop	Nursery	Prepare beds for direct sowing of like Methi, Spinach Beet, Coriander, Radish, Carrot, Beet Root and Spinach crops upto ending September.
Cauliflower, Knoll-Khol, Cabbage, Broccoli	Field preparation	Prepare fields and go for transplanting of these crops before 3 rd week of September.
Brinjal	Fruiting	Install pheromone trap @ 20/acre to control leaf webber.
Horticulture Mango /Guava/ Citrus	Young/Bearing	Keep the basin area clean. Remove the water suckers. Irrigate the plants wherever necessary. Spray 2,4-D @ 10ml/lit of water to control citrus drop in bearing plants.
Floriculture: Chrysanthemum	Rooted Cutting	Give irrigation as per requirement of crop. Spray Bavistin @ 0.1% to control septoria leaf spot.
Marigold	Vegetative	First pinching is recommended.
Winter annuals	Seedling/Nursery	Nursery raising in raised beds is recommended.
Sericulture Mulberry	Tree plantation	Water logging in newly transplanted mulberry saplings should be avoided by digging proper exit channels.
Cocoon crop	Harvested cocoons	Unsold cocoons harvested during spring season should be kept in well ventilated rooms to avoid dampening in wire mesh racks for aeration and avoiding fungal and rodent attacks.
Oyster Mushroom	Fruiting	Maintain room temperature below 30 °C. Maintain humidity of cropping room between 80-90%.
Button mushroom	Compost preparation	Farmers may go for compost preparation. Clean and sterilize the cropping room.
Milky Mushroom	Fruiting	Maintain 70-80% humidity in cropping room. Book the spawn.
Apiculture		Prepare colonies for upcoming winter season. Kill wasps with a wooden flap and dusting or spraying with insecticides. Give need based sugar feeding. Sulphur dusting @ 1gm/frame for mite management is recommended. Soak pads in formalin in the ratio of 2:1(water) for mite control.
Fisheries	Fingerlings	In case of table size fish/last year stock, farmers may go for partial harvesting. Give supplementary feeding (3-5% of total fish biomass on daily basis), Liming & manuring (on monthly interval) should be done. In case of new ponds, farmers may go for stocking of carp seed, available at the Govt. fisheries farm.
Live stock: Dairy animals, Sheeps and Goats		Supplementary mineral mixture with 50 gm iodized salt regularly to the milking and pregnant animals Provide clean water for drinking to the animals at frequent intervals to save animals from heat stroke. Give vaccination against BQ and HS. Ensure green fodder to the livestock.

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