

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



No. AUJ/Agromet/GKMS/F-1/17-18/3709-11	Bulletin No: 93/2017-18	Dated 16-02-2018
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Weather summary of previous 5 days (01th to 15th February, 2018)	Range of Max. Temperature (°C)	10.8-20.4				
	Range of Min. Temperature (°C)	5.0-9.0				
	Range of Relative Humidity (%)	34-100				
	Rainfall (mm)	65.9				
Ensembled forecast for next 5 days (0830 hrs, 17th to 21st February , 2018)	Date	17/02/18	18/02/18	19/02/18	20/02/18	21/02/18
	Rainfall (mm)	0	0	0	0	0
	Max. temperature (°C)	20	20	21	21	21
	Min. temperature (°C)	9	9	10	10	10
	Total cloud cover (Okta)	3	2	1	1	2
	RH Max (%)	95	95	90	90	90
	RH Min (%)	70	70	70	60	60
	Wind speed (km/hr.)	1	1	1	1	1
Wind direction (degrees)	80	25	25	130	135	

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

Crop	Stage	Weather based Agro- advisories
Oilseeds Mustard	Flowering/ Siliqua development	The weather condition favours the outbreak of aphids in late sown mustard crop under such situation farmers are advised to regular monitor for attack of aphids, if the 10 cm of the branch have more than 20 aphids spray the crop with imidacloprid @ 0.3 ml / lits. of water or (Dimethoate) rogor 30 EC @ 1ml/lits. of water.
Wheat Very very late sown	Tillering (30-40 days crop)	Apply metribuzin @ 10g/kanal (15g commercial product) or isoproturon@5g/kanal + 2,4-D ethyl ester @ 25ml/ kanal (66g commercial product) in 25 lit. of water to control weeds if the crop is 30-35 days old. Due to the present of sufficient moisture in the soil apply second dose of urea @ 2.0 kg/kanal in normal and late sown wheat before the ear head emerge.
Late Sown	Tillering/Jointing/ Late Jointing(45-60 days crop)	Monitor zinc deficiency in wheat crop, if symptoms observed like yellow patches between the mid-vein and edge of the leaf in young to middle leaves develop, spray zinc sulphate @ 0.2% The weather condition is favourable to yellow rust under such situation farmers are advised to regularly monitor wheat fields for yellow rust and if noticed apply Propaconazole (Tilt) @ 25ml in 25 lits. of water/kanal.
Normal Sown	Flag leaf	
Rabi pulses Gram	Flowering/ Pod formation	In Gram crop the weather is congenial for the outbreak of Aschochyta blight and wilt diseases If the symptom observed farmers are advised drench the affected spots with Bavistin @10ml/ lit. of water.
Vegetables: Tomato/brinjal/ chillies	Seed stage	Transplanting is recommended.
Cucurbits (Cucumber / bottlegourd/ bittergourd/ pumpkin)	Transplanting/ Seed stage	Transplanting is recommended, if nursery is prepared under polyhouses (polytubes). For direct sowing of two seeds per hill is recommended at spacing of 0.75×1.0m in cucumber, 1.0×1.0m in bittergourd and 1.0×3.0m in both bottle gourd and pumpkin.
Floriculture Gladiolus	Flowering	Earthing up of the plants is recommended.
Chrysanthemum	Flowering	Division of suckers for the multiplication of plants is recommended.



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Marigold (Early sown)	Seed ripening	Harvesting of seed after rainfall is recommended during day time when there is no dew on the plants.
Horticulture Mango/ Citrus/ Guava	Young Bearing	Treat mango basin with 2% methyl parathion dust to check mealy bug. Spray dinocap @ 0.5ml/lt to check powdery mildew in mango prevalent due to present RH. Spray copper oxychloride @ 3gm/lt during clear weather in citrus to check dieback, gummosis, anthracnose and citrus canker prevalent due to present temperature and RH. Apply 0.5ml/lt of Dinocap to check mango powdery mildew. Spray 0.1% dimethoate in citrus to check leaf miner and citrus psulla.
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	Second disinfection of rearing appliances should be conducted with either 2% formalin or 5% bleaching powder solution. After disinfection keep the appliances in sun.
Button mushroom (A bispora)	Button	If wet bubble infection is noticed, dispose off infected fruits in pit after dipping the fruit bodies in 2% formalin solution. Maintain temperature 16 ^o C -18 ^o C during fruiting by heating the room. Maintain relative humidity above 80-85% inside the growing room. Maintain proper hygienic conditions in and around growing rooms. Provide proper ventilation in the cropping room. Open cropping rooms at least 2-3 times to avoid accumulation of CO ₂ .
Apiculture		Protect bee colonies from extreme climatic conditions through reduced entrance and proper packing. Need based sugar feeding is recommended. Inspect colony at regular intervals.
Fisheries	Advanced Fingerlings/ yearlings	Avoid unnecessary netting operations to safeguard the fish livestock especially small size fishes from cold shock/injuries. If possible add tube well water to raise the water temperature of the pond. Supplementary feeding may be provided at the minimum. In case of yearlings/marketable size fish, farmers may go for partial harvesting.
Live stock: Dairy animals/ Sheep & Goat		Do not allow animals to leave khurli early in morning directly to open area. To avoid cracking or fissuring of teats in cold dry weather, clean the teats with warm water and apply ghee or butter after every milking. Put some bedding material like puaal etc. to keep animals warm. Provide dry bedding during night. Give special care to young calves as they are more sensitive to pneumonia. Protect the pregnant and milch animals from cold and feed them mineral mixture regularly.
Poultry		Cover the poultry shed with gunny bags in order to protect the birds from cold weather.

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