



**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**  
**email:jmu.agrimet@gmail.com**



<b>No. AUJ/Agromet/GKMS/F-1/18-19/742</b>	<b>Bulletin No: 91/2018-19</b>	<b>Dated: 12-02-2019</b>
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<b>District:Jammu</b>		
<b>Weather summary of previous 5 days ( 07<sup>th</sup>, to 11<sup>th</sup> Feb 2019 )</b>	Range of Max. Temperature ( <sup>0</sup> C)	13.8-20.6
	Range of Min. Temperature ( <sup>0</sup> C)	3.0-9.9
	Range of Relative Humidity (%)	34-95
	Rainfall (mm)	57.8

<b>Ensembled forecast for next 5 days (0830 hrs, 13<sup>th</sup> to 17<sup>th</sup> Feb, 2019</b>	<b>Date</b>	<b>13/02/19</b>	<b>14/02/19</b>	<b>15/02/19</b>	<b>16/02/19</b>	<b>17/02/19</b>
	<b>Rainfall (mm)</b>	0	0	25	20	0
	<b>Maximum Temp</b>	21	21	17	17	19
	<b>Minimum Temp</b>	9	9	10	10	8
	<b>% RH (Max)</b>	80	80	95	95	90
	<b>%RH (Min)</b>	60	60	80	80	80
	<b>Wind Speed in kms</b>	1	1	1	1	1
	<b>Wind Direction</b>	145	35	170	30	28
<b>Cloudiness</b>	3	4	8	8	2	

The sky will may remain partly to mainly cloudy with possibility of light to moderate rainfall on 15<sup>th</sup> and 16<sup>th</sup> February. The maximum temperature may vary from 19°C to 21°C while, minimum temperature may also remains in the range of 8 °C to 10 °C. During this period wind blow in the North North East to South West direction with the average speed of 1km/hr. The morning relative humidity may range from 80 to 95% and evening relative humidity may range from 60% to 80% during this period.

**WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 13<sup>th</sup> to 17<sup>th</sup> Feb,2019**

<b>Crop</b>	<b>Stage</b>	<b>Weather based Agro- advisories</b>
Wheat Very very late sown	Tillering (30-40 days crop)	Rainfall (light to moderate) is expected on 15 <sup>th</sup> and 16 <sup>th</sup> February. Keeping in view this farmers are advised to apply weedicide i.e. metribuzin @ 10g/kanal (15g commercial product) or isoproturon @5 g/kanal + 2,4-D ethyl ester @ 25ml/kanal (66g commercial product) in 25 lit. of water depending upon the forecast of rainfall.
Late Sown	Tillering/Jointing/ Late Jointing(45-60 days crop)	As there is possibility of rainfall on 15 <sup>th</sup> and 16 <sup>th</sup> February, farmers are advised to apply second dose of urea @ 2.0 kg/kanal in normal and late sown wheat depending upon the forecast of rainfall.
Normal Sown	Flag leaf	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% after cessation of rain.  The weather condition is favourable for yellow rust disease in wheat crop. Farmers are advised to regularly monitor the crop for same. If noticed, apply Propaconazole (Tilt) @ 25ml in 25 lits. of water/kanal during clear weather conditions and repeat same after 10-15 days.
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 depending upon the forecast of rainfall.



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<p><b>Vegetables:</b>          Tomato/brinjal/          chillies</p> <p>Cucumber/          bottlegourd/          bittergourd/          pumpkin</p>	<p>Nursery under          protection</p> <p>Nursery          management in          poly bags under          protected structures</p>	<p>Rogue out the plants disease affected such as virus affected plants of tomato and black rot of cauliflower and cabbage during these days.</p> <p>Keep nursery area of cucurbitaceous crop, weed free by manual and spray the crop with bavistin @ 1gm/lt against post damping off disease.</p> <p>Raise cucurbits properly in the poly bags under protected structures.</p>
<p><b>Floriculture</b>          Rose</p> <p>Chrysanthemum</p>	<p>Flowering</p> <p>Flowering</p>	<p>Planting of budded plants in field is recommended.</p> <p>Division of suckers for the multiplication of plants is recommended.</p>
<p>Button          mushroom          (A bispora)</p>	<p>Fruiting</p>	<p>Due to the chances of drop in maximum &amp; minimum temperature farmers are advised to maintain the temperature 16<sup>0</sup>C to 18<sup>0</sup>C during fruiting and 23<sup>0</sup>C to 24<sup>0</sup>C during spawn run.</p> <p>Don't allow room temperature to fall below 16<sup>0</sup>C make necessary arrangement to increase the temperature during these days.</p> <p>If wet bubble disease is observed dispose the infected fruit bodies after dipping them in 2% formalin solution and cover the infected area with common salt.</p>
<p><b>Horticulture</b>          Mango/ Citrus/          Guava</p>	<p>Young</p>	<p>Treat mango basin with 2% methyl parathion dust to check mealy bug during clear weather conditions.</p> <p>Prune and destroy dead, diseased shoots in citrus during these days.</p>
<p>Sericulture:          Silkworm crop</p>	<p>Harvested cocoon          crop</p>	<p>Pack cocoon loosely in muslin cloth bags. Keep the bags in wire mesh covered racks to avoid rodent attack till marketing.</p> <p>Keep cocoon bags in well ventilated rooms to avoid dampness.</p>
<p><b>Apiculture</b></p>		<p>Protect bee colonies from extreme climatic conditions through reduced entrance and proper packing.</p> <p>Need based sugar feeding is recommended.</p> <p>Inspect colony at regular intervals.</p>
<p>Fisheries</p>	<p>Advanced          Fingerlings/          yearlings</p>	<p>Supplementary feeding may be provided at the minimum.</p> <p>Avoid unnecessary netting operations to safeguard the fish livestock especially small size fishes from cold shock/injuries.</p> <p>In case of yearlings/marketable size fish, farmers may go for partial harvesting.</p>
<p>Poultry</p> <p>Live stock:          Dairy animals/          Sheep &amp; Goat</p>		<p>Cover the poultry shed with gunny bags in order to protect the birds from cold weather.</p> <p>Do not allow animals to leave khurli early in morning directly to open area.</p> <p>Protect the pregnant and milch animals from cold and feed them</p>



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		mineral mixture regularly. Give special care to young calves as they are more sensitive to pneumonia. Provide dry bedding during night. Use dry gunny bags as bedding material for protection against low night temperatures.
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