



**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**



<b>No. AUJ/Agromet/GKMS/F-1/18-19/97</b>	<b>Bulletin No: 24/2018-19</b>	<b>Dated: 22-06-2018</b>
<b>Phone:0191-2263891</b>	<b>Website: www.skuast.org</b>	<b>Fax: 0191-2263891</b>

**Kathua**

<b>Weather summary of previous 5 days ( 17<sup>th</sup> to, 21<sup>st</sup> June 2018)</b>	<b>Range of Max. Temperature (°C)</b>	33.4-40.2				
	<b>Range of Min. Temperature (°C)</b>	21.6-26.2				
	<b>Range of Relative Humidity (%)</b>	NA				
	<b>Rainfall (mm)</b>	0.0				
<b>Ensembled forecast for next 5 days (0830 hrs, 23<sup>rd</sup> to 27<sup>th</sup> June, 2018)</b>	<b>Date</b>	<b>23/06/18</b>	<b>24/06/18</b>	<b>25/06/18</b>	<b>26/06/18</b>	<b>27/06/18</b>
	<b>Rainfall (mm)</b>	0	0	0	0	5
	<b>Max. temperature (°C)</b>	42	43	43	44	40
	<b>Min. temperature (°C)</b>	27	28	28	28	26
	<b>Total cloud cover (Okta)</b>	3	3	1	1	4
	<b>RH Max( %)</b>	35	35	35	35	50
	<b>RH Min (%)</b>	25	25	25	25	40
	<b>Wind speed (km/hr.)</b>	1	1	1	1	1
	<b>Wind direction (degrees)</b>	45	50	75	55	95

**WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 23<sup>rd</sup> to 27<sup>th</sup> June, 2018**

<b>Crop</b>	<b>Stage</b>	<b>Weather based Agro- advisories</b>
Maize	Sowing	Start sowing the recommended var. of maize (Vivek-25, Vivek QOM-9 HM-5 and HQPM-1) with seed rate of 20-30 kg/ha as soil reaches vattar condition. Treat the seed with Bavistin @ 3g/Kg of seed before sowing.
Paddy	Nursery raising	Farmer may go for transplanting of rice seedling. Transplant 2-3 healthy seedlings per hill free from pests and diseases. Keep the rice nursery and bund free from weeds either by hand weeding or by application of butachlor weedicide@30 kg/ha.
Floriculture: Rainy annuals	Nursery raising/ transplanting	Transplanting of rainy seasonal annuals (gaillardia, balsam, cosmos, portulaca, kochia, sunflower, morning glory, gomphrena, celosia etc.) may be done as sufficient moisture is available.
<b>Green Manuring</b>	<b>Vegetative</b>	To enhance the biomass apply urea 2kg /kanal to dhaincha crop after receipt of rainfall. Incorporation of dhaincha may be taken up before flowering stage in the transplanted rice field.
<b>Summer Fodder</b>	<b>Vegetative</b>	Start sowing of fodder crops such as Jowar mixed with cowpea.
Vegetables: Tomato	Flowering/ fruiting	Install pheromone traps @ 2/kanal along with spray of neem oil @ 3ml/lt during clear weather to control fruit borer during clear weather.
Mushroom Milky mushroom		Due to increase in morning and evening relative humidity in the atmosphere, farmers can go for early spawning of mushroom Heap wheat straw in store for the upcoming season for normal and late mushroom spawning.
Horticulture		Young plants should be protected from intense heat by providing thatching. Trunks of grown up plants should be painted with lime solution. Provide grass mulch on plant basin to minimize evaporation. Irrigate the plants at 2-3 days interval.
Fisheries (Carp Farming)	advanced fingerlings /yearlings	Farmers can go for stocking the seed of common carp fish, which is presently available at the department of Fisheries, J&K Govt.
Apiculture		To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water.
Poultry		Proper ventilation must be maintained at poultry house. Vaccinate chicks against new castle disease and gumbroo disease.
Live stock: Dairy animals/ Sheep & Goat		Provide adequate amount of fresh cool and clean drinking water. Increase protein content in animal ration by 2%. Mineral mixture should be supplemented in diet. Give vaccination against FMD.

Dr Mahender Singh  
I/C Agrometeorology

Dr Veena Sharma  
Technical Officer