



**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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**District:Jammu**

<b>Weather summary of previous 5 days ( 09<sup>th</sup> to, 13<sup>th</sup> August 2018)</b>	Range of Max. Temperature ( <sup>0</sup> C)	32.0-34.6
	Range of Min. Temperature ( <sup>0</sup> C)	23.7-27.5
	Range of Relative Humidity (%)	64-95
	Rainfall (mm)	134.0

<b>Ensembled forecast for next 5 days (0830 hrs, 15<sup>th</sup> to 19<sup>th</sup> Aug, 2018)</b>	<b>Date</b>	<b>15/08/18</b>	<b>16/08/18</b>	<b>17/08/18</b>	<b>18/08/18</b>	<b>19/08/18</b>
	Rainfall (mm)	25	30	15	5	5
	Max. temperature ( <sup>0</sup> C)	30	30	30	33	33
	Min. temperature ( <sup>0</sup> C)	22	22	22	24	24
	Total cloud cover (Okta)	7	7	7	7	7
	RH at 08:30 Hrs (%)	95	95	95	95	95
	RH at 17:30 Hrs (%)	80	80	80	80	80
	Wind speed (km/hr.)	1	1	1	1	1
Wind direction (degrees)	120	95	150	210	95	

Chances of light to moderate rainfall from 15<sup>th</sup> to 19<sup>th</sup> August. The sky may remain cloudy. Maximum temperature may range from 30°C to 33 °C which will be below normal by 2°C while minimum temperature may range from 22°C to 24°C which too will be below normal by 2°C. Winds may blow from East to South West direction with the speed of 1km/hr. The morning and evening relative humidity may remain 95% and 80% respectively during this period respectively.

**WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F. 15<sup>th</sup> to 19<sup>th</sup> Aug, 2018**

Crop	Stage	Weather based Agro- advisories
Paddy	Establishment/ Vegetative	Keeping in view the rainfall in past days and next 5 days, postpone irrigation due to chances of rain. Make arrangement to drain out excess water from the fields. Farmers may apply 2 <sup>nd</sup> dose of nitrogenous fertilizer as top dressing in normal/early transplanted rice crop on 19 <sup>th</sup> August after receipt of rain.
Maize	Early vegetative/ knee high	Keeping in view the rainfall in past days and next 5 days, farmers are advised to make arrangement to drain out excess water from the fields. Farmers may apply fertilizer as well as chemical plant protection measures on 19 <sup>th</sup> August after receipt of rain.
Kharif Pulses (moong/mash)	Germination/ early vegetative/	Keeping in view the rainfall in past days and next 5 days, farmers are advised to make arrangement to drain out excess water from the fields. Farmers may apply fertilizer as well as chemical plant protection measures on 19 <sup>th</sup> August after receipt of rain.
Kharif mixed fodder	Early vegetative	Keeping in view the rainfall in past days and next 5 days, farmers are advised to make arrangement to drain out excess water from the fields. Postpone application of fertilizer as well as chemical plant protection measures till rainfall of 19 <sup>th</sup> August.
Vegetables: Okra	Harvesting	Keeping in view the rainfall in past days and next 5 days, farmers are advised to make arrangement to drain out excess water from the fields. Farmers may apply fertilizer as well as chemical plant protection measures on 19 <sup>th</sup> August after receipt of rain.
Bitter gourd/bottle gourd	Harvesting	
Turmeric	Vegetative	
Rabi season crop	Nursery under protection	
Floriculture: Chrysanthemum	Cutting preparation	Keeping in view the rainfall in past days and next 5 days, farmers are advised to make arrangement to drain out excess water from the fields.



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Marigold	Sowing	Farmers may apply fertilizer as well as chemical plant protection measures on 19 <sup>th</sup> August after receipt of rain.
Horticulture Mango	Bearing	Make arrangement to drain out excess water from the fields. Farmers may apply fertilizer as well as chemical plant protection measures on 19 <sup>th</sup> August after receipt of rain.
Mushroom Milky mushroom		Prepare casing soil, if spawn run is complete. Maintain temperature at 20-25°C
Oyster mushroom	Fruit initiation	Pinch 2 mm diameter holes in full run spawn bags of oyster mushroom.
Sericulture Mulberry	Tree plantation	Water logging in newly transplanted mulberry saplings should be avoided by digging proper exit channels.
Cocoon crop	Harvested cocoons	Cocoon harvested during April month (if not sold) should be loosely packed in muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent and fungal attack till sale of the crop.
Apiculture		Migrate bee colonies to safer areas having bee flora. Provide sugar feeding/artificial diet. Protect bee hive from wax moth and ants. Unite weak bee colonies. Protect colonies from rain.
Poultry		Water supply should be adequate and add vitamin C in water. Proper ventilation must be maintained at poultry house. Fumigate poultry huts. Maintain hygiene. Birds should not come in direct contact with rain. Use fan in poultry houses due to high humidity.
Live stock: Dairy animals/ Sheep & Goat		Increase protein content in animal ration by 2%. Mineral mixture should be supplemented in diet. Give vaccination against FMD. Provide clean drinking water to animals.
Fisheries Culture fisheries	Yearlings/ Fingerlings/fry	Apply the screen/netting cloth on the outlets/overflows so that fish stock may not escape out during excessive rains.

Postpone application of fertilizer as well as chemical plant protection measures till weather gets clear. Drain out excess water from fields.

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