



## GRAMIN KRISHI MAUSAM SEWA



Agromet Advisory Bulletin for Sub Tropical Conditions of Reasi District

Issued Jointly by Sheer-e-Kashmir University of Agricultural Sciences & Technology Jammu and  
 Meteorological Department

DAMU, KVK, Reasi, P.O. Dera Baba Banda Bahadur, Reasi -182301

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No. A UJ/KVKREASI/DAMU/21-22/663		Bulletin No: 34/2021-22		Dated: 27-07-2021		
Mobile:9622043401, 7889875590		Website: <a href="http://www.skuast.org">www.skuast.org</a>				
<b>District: Reasi</b>						
Weather summary of previous 5 days (22 <sup>nd</sup> to 26 <sup>th</sup> July., 2021)	Range of Max. Temperature ( <sup>0</sup> C)		32.5			
	Range of Min. Temperature ( <sup>0</sup> C)		21.9			
	Range of Relative Humidity (%)		78-100			
	Rainfall (mm)		105			
Ensembled forecast for next 5 days (0830 hrs, 28 <sup>th</sup> July to 1 <sup>st</sup> August., 2021)	Date	28/07/21	29/07/21	30/07/21	31/07/21	1/08/21
	Rainfall (mm)	45	95	80	55	30
	Maximum Temp	27	24	24	25	25
	Minimum Temp	24	21	21	22	23
	% RH (Max)	95	100	100	95	90
	%RH (Min)	90	90	90	90	80
	Wind Speed in kms	1	1	1	1	1
	Wind Direction	250	190	220	145	80
Cloudiness	8	8	8	7	7	
<b>WEATHER FORECAST BASED AGROMET ADVISORIES W.E.F 28<sup>th</sup> July to 1<sup>st</sup> August; 2021</b>						
The sky will remain cloudy for next five days with the chances of heavy rainfall for next five days. The maximum temperature may vary from 24 to 27°C while, minimum temperature may range from 21 to 24°C. During this period wind will blow in the East direction with the average speed of 1 km/hr. The morning relative humidity may range from 90-100% and evening relative humidity may range from 80-90% during the period.						
<b>*Probability of isolated heavy rain/thundershowers for next five days. Farmers are advised to postpone sowing, irrigation, chemical plant protection measures and drain out the excess water from the field during said period.</b>						
Crop	Stage	Weather based Agro- advisories				
Lemon grass	Planting	In view of present weather situation famers are advised to postpone the planting of lemon grass for next five days due to chances of heavy rainfall and go for planting of lemon grass only at optimum moisture level after receipt of rainfall with the application of FYM.				
Pulses (Kharif)	Sowing	Due to the chances of heavy rainfall for next five days, Farmers are advised to postpone the sowing of Mash & Moong during said period. Farmers may go for sowing of Mash (var.:Pant U-19, Uttara) &				



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Mash & Moong		Moong (var.:SML-668) wherever soil moisture is available. Inoculate the seed with Rhizobium culture before sowing to get better yield.
<b>Maize</b>	Knee high	Due to the chances of heavy rainfall for next five days, Farmers are advised to postpone the plant protection measures and first dose of Nitrogen application during said day. To control stem borer, apply Cartap hydrochloride @ 4 gm/acre during clear weather.
<b>Kharif Fodder</b> (Sorghum & bajra)	Vegetative	Due to the chances of heavy rainfall for next five days, Farmers are advised to postpone the plant protection measures during said day.  Spray acetameprid powder formulation 20 SP @ 0.2 g/lit of water at evening hour to control cereal leaf beetle. Organic farmers prepare cow dung and urine mixture mixed in calcium oxide and fermented to week time then sieved and extracted solution can be sprayed.
<b>Horticulture</b>  Mango	Young/Bearing	Postpone irrigation due to chances of heavy rainfall for next five days. Don't allow rain water to stagnate in the new orchard field. Remove water suckers. Pits for rainy season plantation may be dug. Monitor sooty mould in mango if observed collect dry leaves and make fumes by burning them. Then spray neem oil @ 5ml/lit of water, if severe infestation then spray acephate 75 SP @ 1 gm/lit or phosalone 35EC @ 1.5 ml/lit or imidacloprid 17.8 SL @ 0.3 ml/lit of water.
Citrus	Young/Bearing	Due to rise in temperature farmers are advised to protect young fruit plants from heat by providing thatches/cover but ensure free circulation of air. Spray dimethoate @ 1ml/lit during clear weather to control citrus psylla, leaf miner, if observed. If fruit cracking is observed due deficiency of boron, spray boric acid @ 2-3 g/lit.
<b>Vegetables:</b>  Cucurbit/Okra/Brin		Due the chances of heavy rainfall for next five days, farmers are advised to drained out the excess water from field and don't allow rain



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jal/Chilly	Fruiting	water to stagnate in the field and postpone plant protection measures.  Monitor the okra crop for Jassid attack, if observed spray imidachloprid @ 0.3 ml per lit of water at evening hour.  Earthing up is recommended. Cover ridges with grass to conserve soil moisture.
Turmeric	Vegetative	
<b>Sericulture</b>		
Cocoon crop	Harvested cocoons	Pack the cocoons harvested during April month in loosely packed muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till sale of the crop.
<b>Apiculture</b>		Protect bee colonies from rains by reducing the entrance. Give need based sugar feeding. Protect bee hive from ants.
<b>Poultry</b>		Vaccinate chicks against new castle disease and gumbroo disease. Spread clean litter material uniformly in the poultry house at thickness of 2- 3 inches.
<b>Live stock</b>		Provide adequate amount of fresh cool and clean drinking water to the animals at frequent intervals to save animals from heat stroke. Provide water bath 3-4 times in a day. Sprinkle water in sheds to reduce heat stress. or keep all the animals under shade If possible provide coolers to cross bred cattles during the day time If not vaccinated yet, get the animals vaccinated against foot and mouth and Gal Gotu diseases. Supplementary mineral mixture should be given regularly to the milking and pregnant animals.
Dairy animals, Sheeps and Goats		

**Farmers are advised to cover face with thick cloth or wear mask and maintain social distance while doing agricultural operations in field**

**Dr Banarsi Lal**

**Dr Lobzang Stanzen**



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