



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



District : JAMMU

No. AUJ/Agromet/GKMS/23-24/521 - 50	Bulletin No:17/2023-24	Dated:30-05-2023
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Weather summary of previous 5 days 25th to 29th May 2023)

Range of Max. Temperature (°C)	29.0 – 35.2
Range of Min. Temperature (°C)	19.0 – 24.8
Range of Relative Humidity (%)	33 – 82
Rainfall (mm)	24.0

Ensembled forecast for next 5 days (0830 hrs 31st May to 4th June , 2023)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
31-05-23	8	32	20	75	40	2	110	7
01-06-23	10	30	20	75	40	2	210	8
02-06-23	9	32	20	70	35	1	85	6
03-06-23	0	34	19	65	25	1	21	5
04-06-23	0	35	20	60	25	1	47	5

Chances of light rainfall for next 3 days. Sky may remain cloudy for next 5 days. The Maximum Temperature may vary from 30°C to 35°C while the Minimum Temperature may range from 19°C to 20°C. Wind may blow in North North East to South West direction with the average speed of 1 to 2 km/hr. The morning relative humidity may range 60% to 75% and evening relative humidity may range from 25% to 40% during this period.

As per Extended Range Forecast (ERF), Rainfall may remain below normal limits whereas Minimum & Maximum Temperature may remain moderately below normal limits in J&K Subdivision wef 04-06-2022 to 10-06-2023.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 31st May to 4th June , 2023

Crop	Phenological Stage/Agricultural Operation	Weather based Agro- advisories
Rice	Nursery sowing	Farmers may go for nursery sowing of early transplanted rice varieties. (var. IET-1410, K-39, Ratna, PC-19, Jaya) Treat seed with Carbendazim or Bavistin @2gm/Kg before nursery raising. Initiate field preparation. Incorporate the FYM @ 10-15 tons/ ha at least 15 days prior to transplanting in the field, where rice is to be transplanted.
	Direct Sowing	Farmers may also go for direct sowing of rice crop due to sufficient soil moisture.
Pulses Summer pulses (moong/mash)	Early vegetative	Monitor crop for attack of pod borer, if observed spray imidacloprid @2/lt during clear weather.
Green manuring	Early Vegetative	The dose of phosphorus recommended for the rice crop to be taken after Daincha should be applied to daincha crop either through single super phosphate or Di ammonium phosphate.
Vegetables: Cucurbits	Vegetative stage	Postpone irrigation due to chances of rain. Proper staking of cucurbit vines (bitter gourd, bottle gourd, squash gourd. pumpkin etc.) is recommended. Provide support to the



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Tomato/brinjal	Fruiting	plants. Install 5 pheromone traps per kanal to control fruit fly. Timely harvest the matured tomato fruit in order to avoid spoilage. Monitor tomato crop for leaf curl. Remove virus infected plants. Spray imidacloprid @ 0.5ml/lt of water after harvesting mature fruit and during clear weather to check further spread of disease by whitefly.
Okra	Vegetative	If yellow leaves (YVMV) are observed, uproot and bury deep in soil and wash hands after that.
Turmeric/ginger	Early Vegetative	Hoeing and weeding is recommended at vattar condition of soil to conserve soil moisture.
Brinjal	Harvesting/ fruiting	Due to high infestation of fruit and shoot borer at present situation, clip off shoots/fruits infected with borer and bury them inside the soil. Spray mixture of profenfos + cypermethrin (4:40) @ 1ml/lt of water at 10 days interval after harvesting of fruit to control infestation of borers.
Floriculture Chrysanthemum	Vegetative	Postpone irrigation due to chances of rain. Heading back is recommended.
Summer annuals	Early vegetative	Hoeing and weeding is recommended.
Marigold	Flowering	Postpone irrigation due to chances of rain.
Rose	Vegetative	Postpone irrigation due to chances of rain.. Hoeing and weeding is recommended
Fodder Summer mixe3d fodder	Vegetative	Postpone irrigation due to chances of rain. Application of top dressing of nitrogenous fertilizer in summer fodder (maize+cowpea+charri) and bajra immediately, if not applied yet.
Mushroom Milky mushroom	Spawn run	Maintain temperature of cropping room between 25°C - 30°C for proper spawn run. Maintain 90-95% humidity in cropping rooms. Spray chlorothalonil @ 0.5% and deltamethrin @ 0.01% to control competitor fungi. Farmers interested in growing milky mushroom may book the spawn of milky mushroom as the season will continue up to end of July.
Horticulture Mango	Young/Bearing	Postpone irrigation due to chances of rain. Remove water suckers. Farmers may spray imidacloprid @ 0.3ml/lt water during clear weather to check leaf hopper & mealy bug and dimethoate @ 1ml/lt during clear weather to control mango hopper. Remove malformed portion in mango plant and spray 0.5gm carbendazim/lt water during clear weather.
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/lt during clear weather to control citrus psylla, leaf miner & butterfly.



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Sericulture: Mulberry	Tree plantation	Postpone irrigation due to chances of rain.
Bivoltine cocoon crop	Disinfection of rearing halls/ appliances	Rigorous disinfection of used appliances in the recently completed spring rearing should be adopted with 2-14 per cent formaline solution.
Apiculture		Migrate bee colonies to flora rich areas. For protection against ants, put the legs of apiary into water so that ants could not attack the apiary. Provide adequate space to the colonies for brood rearing and storage of nectar. To control mite, dust sulphur on top bars @ 1g/frame /oxalic acid treatment @ 3.5% / litre water. Harvest honey from the bee colony.
Fisheries (Carp Farming)	Yearlings/ fish seed	After pre stocking management practices like liming, fertilization, farmers can go for stocking the seed of common carp fish. In case farmers have already stocked the fish stock, they should maintain the optimum water level in order to avoid any harm especially during day time.
Poultry		Proper ventilation must be maintained at poultry house. Vaccinate chicks against new castle disease and gumbroo disease. Spread clean litter material uniformly in the poultry house at thickness of 2-3 inches.
Live stock Dairy animals/ Sheep & Goat		<ol style="list-style-type: none">1. Provide an adequate amount of fresh cool and clean drinking water2. Plant shady trees around the sheds.3. Install fans and desert coolers for high-yielding animals.4. Provide water baths 3-4 times in a day.5. Sprinkling of water in sheds to reduce heat stress.6. Good quality green leguminous and non-leguminous fodders. Maize and bajra. Urea treatment of dry straw/fodder.7. Increase protein content in animal ration by 2%.8. Give mineral mixture to livestock as supplement in the diet.
Live stock Dairy animals/ Sheep & Goat		Due to chances of increase in temperature by the end of this week and hence, for preventing animals from heat stress during hot weather conditions following points may be kept in mind: <ol style="list-style-type: none">1. Provide an adequate amount of fresh cool and clean drinking water2. Plant shady trees around the sheds.3. Provide water baths 3-4 times in a day.4. Install fans and desert coolers for high-yielding animals.5. Sprinkling of water in sheds to reduce heat stress.6. Good quality green leguminous and non-leguminous fodders. Maize and bajra. Urea treatment of dry straw/fodder.7. Increase protein content in animal ration by 2%.8. Mineral mixture should be supplemented in the diet.

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