



Sher-e-Kashmir University of Agricultural
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GRAMIN KRISHI MAUSAM SEWA
Agromet Advisory Bulletin for District Rajouri
(23rd June to 27th June, 2018)

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)
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Date: 22nd June, 2018

Significant past weather for the preceding 5 days (17th to 21st June)

Rainfall (mm)	17.6
Maximum Temperature (°C)	30.0 – 35.4
Minimum Temperature (°C)	18.4 – 20.6
Relative Humidity (%)	30 – 91

Medium range weather forecast for Rajouri (23rd June to 27th June, 2018)

DATE	23/06/18	24/06/18	25/06/18	26/06/18	27/06/18
RAINFALL (mm)	5	0	0	0	5
Maximum Temperature (°C)	34	35	35	36	34
Minimum Temperature (°C)	20	21	21	22	20
Cloudiness (okta)	4	3	2	2	4
RH (Max) (%)	85	80	75	75	85
RH (Min) (%)	60	40	40	35	60
Wind Speed in kmph	1	1	1	1	1
Wind Direction	20	35	30	40	40

Weather forecast summary: The sky will remain partly to mainly cloudy with possibility of light rainfall on 23rd and 27th of June. Maximum temperature will range between 34 – 36 °C and minimum temperature will range between 20 – 22 °C. The maximum relative humidity may range between 75 - 85 % and minimum relative humidity may range between 35 - 60 %. Wind may blow in the in the North North Eastern (NNE) direction from 23rd to 25th June and in the North Eastern (NE) direction on 26th and 27th June with the average speed of 1 km/hour.

Agro meteorological Advisory

General Advisory for coming 5 days: Light rainfall is likely to occur at isolated places over the district on 23rd and 27th June. Farmers are advised to suspend irrigation in standing crops.

Crop	Stage	Insect pest / Diseases & other operations	Agro meteorological advisory
Maize	Sowing		<ul style="list-style-type: none"> - In view of possibility of rainfall on 23rd and 27th of June over the district, farmers are advised to plan sowing of maize crop in intermediate zone of district as per the rainfall forecast. Sowing should be done only after ensuring optimum moisture condition in the soil.
Rice nursery	Transplanting	Nursery care	<ul style="list-style-type: none"> - Maintain optimum moisture level under dry bed condition and summerge the wet bed with shallow level of water for proper establishment and growth of nursery. - Farmers are advised to keep the seedlings free from weeds.
		Land Preparation	<ul style="list-style-type: none"> - Farmers are advised to start preparing land for transplanting of rice seedlings in areas, where seedlings are approaching near 4-6 leaf stage. However, utilizing rainfall received during past few days, farmers are advised to go for transplanting of rice crop where seedlings are ready. Plant 2-3 seedlings per hill at 3 to 5 cm deep in the soil.
		Weed Management	<ul style="list-style-type: none"> - Apply Butachlor granules 5G @ 30 Kg/ha 2-5 days after transplanting in standing water for better management of weeds in rice crop. Don't drain the field for 4-5 days.
		Others	<ul style="list-style-type: none"> - As rainfall is expected on 23rd and 27th of June, farmers are advised to strengthen and raise the dike height of field bunds during the preparation of land to retain rain water as much as possible.
Vegetables Summer Vegetables		Intercultural operations	<ul style="list-style-type: none"> - Keeping in view the possibility of light rainfall on 23rd and 27th June, farmers are advised to plan all interculture operations as per the rainfall forecast.
		Insect Pest & Disease Management	<ul style="list-style-type: none"> - Farmers are advised to apply plant protection measures in vegetable crops after ensuring rains.
		Staking	<ul style="list-style-type: none"> - Ensure staking with plastic string in tomato and cucurbits (bottle gourd, bitter gourd, sponge gourd and cucumber) for better crop stand.
		Irrigation	<ul style="list-style-type: none"> - Due to possibility of rainfall in coming days, farmers are advised to suspend irrigation in vegetable crops.
		Drainage	<ul style="list-style-type: none"> - As there was rainfall received during past few days and there is possibility of rainfall on 23rd and 27th of June. Keeping in view this farmers are advised to make necessary arrangements to drain out excess water from chilli crop fields to avoid wilt problem.
Horticulture (Stone Fruits, Almond, Walnut & Pecan nut)		Care	<ul style="list-style-type: none"> - Proper care should be taken of the grafted fruit plants. Do not allow any sucker to grow from the root stock. Remove water sprouts from below grafted union.
		Insect pest	<ul style="list-style-type: none"> - Farmers are advised to protect fruit plants from termite attack. If observed undertake following measures: - Dismantle termatorium, if any in the field. - Treat the affected area with Chlorpyrifos @ 2 ml/ liter of water or Imidacloprid @ 7 – 8 ml/15 liters of water.
		Irrigation	<ul style="list-style-type: none"> - Keeping in view the chances of rainfall on 23rd and 27th of June, farmers are advised to postpone irrigation to the orchards.
Mushroom (Milky Mushroom)			<ul style="list-style-type: none"> - Farmers are advised to go for cultivation of <i>Calocybe indica</i> (Milky mushroom).

Apiculture		Care /Feed supplement	<ul style="list-style-type: none"> - Keeping in view the present weather condition, farmers are advised to shift the honey bee colonies towards shady conditions or place them under open straw huts. - Bees need water to dilute honey and to cool the hives during hot weather conditions. Farmers are advised to keep water trough filled with coarse gravel near the hive. It helps bees to spend more time in collecting nectar and less time for water collection. - Provide proper ventilation by slightly raising the brood chamber. Make sure that bees do not pass through the ventilation otherwise robbing may be induced. - For protection of ants put the legs of apiary into water so that ants could not attack apiary. - Use thin jute bags to cover the honey bee colonies and sprinkle water on jute bags after every two to three days to protect from heat stress.
(Dairy animals & sheep and goats)		Care/Feed supplement	<ul style="list-style-type: none"> - Mineral mixture (Agrimin forte @ 40 gm per day) should be supplemented in the diet of dairy animals particularly pregnant ones. - Farmers are advised to keep proper ventilation and hygiene in the cattle sheds. - Farmers are advised to include top feeds i.e. leaves of jamun, guava etc. in the diet of small ruminants to decline the parasitic load. - Keeping in view the present weather condition, farmers are advised to provide adequate supply of water to livestock. - Farmers are advised to follow regular and periodic deworming, grooming and dipping to control the external parasites of the animals.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - Chicks should be supplemented with balanced ration to prevent occurrence of nutritionally deficient diseases. - Brooder houses for newly born should be well ventilated, rain proof and protected from predators. - Fumigate the poultry sheds before keeping the new lot of chicks to prevent the economic loses. - Farmers are advised to keep improved breeds of Backyard poultry i.e Vanraja, chabro to supplement the daily income.

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