



Sher-e-Kashmir University of Agricultural Sciences and Technology – Jammu RARS, Tandwal, Rajouri – 185131



GRAMIN KRISHI MAUSAM SEWA Agromet Advisory Bulletin for District Rajouri (14th to 18th November, 2018)

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)
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Date: 13th November, 2018

No. AUJ/Raj/Agromet/2018-19/5939 - 5965

Significant past weather for the preceding 5 days (08th to 12th November)

Rainfall (mm)	0.0
Maximum Temperature (°C)	21.4 – 23.6
Minimum Temperature (°C)	4.4 – 6.2
Relative Humidity (%)	32 - 91

Medium range weather forecast for Rajouri (14th to 18th November, 2018)

DATE	14/11/18	15/11/18	16/11/18	17/11/18	18/11/18
Rainfall (mm)	5	5	0	0	0
Maximum Temperature (°C)	21	21	22	22	22
Minimum Temperature (°C)	6	6	5	5	5
RH (Max) (%)	90	90	85	85	85
RH (Min) (%)	75	75	70	70	70
Wind Speed in kmph	1	1	1	1	1
Wind Direction	35	33	35	35	40
Cloudiness (okta)	8	8	3	2	2

Weather forecast summary: The sky will remain variably to mainly cloudy with light rainfall expected on 14th and 15th November. Maximum temperature will range between 21 - 22 °C and minimum temperature may range between 05 - 06 °C. The maximum relative humidity may range between 85 – 90 % and minimum relative humidity may range between 70 – 75 %. Wind may blow in the North North Eastern (NNE) direction during the period of next 5 days with the average speed of 1 km/hour.

Agro meteorological Advisory

General Advisory for coming 5 days: Rain/thundershowers would likely to occur at isolated places over the district during next 48 hours and decrease thereafter. Farmer's are advised to postpone irrigation, intercultural operation and application of plant protection measures in the district.

Crop	Stage	Insect pest/ Diseases & other operations	Agro meteorological advisory
Wheat (Normal Sown)	Sowing		- Rain/thundershowers would likely to occur at isolated places over the district during next 48 hours and decrease thereafter. Farmer's are advised to undertake sowing of wheat crop after ensuring rainfall.
Oat	Sowing		- Farmer's are advised to postpone sowing of oats crop due to possibility of light rainfall in the district during next two days.
Oilseed Crops Toria	Vegetative Stage	Intercultural operations	- Farmer's are advised to carry out weeding and hoeing to the toria crop depending upon clear weather conditions.
Mustard	Sowing		- As there are chances of rainfall during next 48 hours, farmer's are advised to withhold sowing of mustard crop.
Rabi Pulses (Pea & Gram)	Sowing		- In view of possibility of rainfall during next 48 hours, farmer's are advised to postpone sowing of rabi pulse crops.
Maize		Storage	- In view of possibility of rainfall during next two days, farmers are advised to arrange for safe storage for the harvested produce to avoid losses due to rainfall.
Rice		Storage	- Isolated light rainfall would likely to occur on 14 th and 15 th November, farmer's are advised to arrange for safe storage for the harvested produce to avoid losses due to rainfall.
Vegetables Onion Cole crops (Cauliflower, Cabbage & Knol khol) Leafy vegetables (Spinach, Methi & Coriander)	Field preparation	Intercultural operation Cut Worm Irrigation	- Light rain is expected during next two days. Keeping in view this farmer's are advised to postpone field preparation for transplanting of onion. - Earthing-up of plants (5 - 6 week old) is advised (depending upon clear weather conditions) to produce solid heads, If not done so far. - Farmers are advised to apply Carbofuron 3 G @ 1 kg/kanal to control cut worm problem under cole crops. Spray should be done on non-rainy day. - Light rainfall is expected in the district on 14 th and 15 th November. Farmer's are advised to postpone broadcasting of urea and irrigation application in leafy vegetables. - Farmer's are advised to postpone irrigation to vegetable crops as light rainfall is expected during next two days.
Horticulture Stone Fruits (Peach, Plum & Apricot) Nuts (Almond, Walnut & Pecan nut) Fruit Plant Nurseries		Layout Pruning Layout Irrigation	- Advised lay out for establishment of new orchards of stone fruits in Intermediate (mid to high altitude) . - Start slight pruning of stone fruit trees followed by application of White Lead paint to cut surfaces. - Advised lay out for establishment of new orchards in Intermediate (mid to high altitude) . - Start preparation of nursery land for temperate fruits and apply FYM @ 60 – 100 cft/kanal. - Arrangement of root stock/suckers and seeds are advised for timely transplanting/sowing in the nursery area. - Arrangement for procurement of Walnut and Almond seeds are advised. - Possibility of rainfall on 14 th and 15 th November. Suspend irrigation to the young orchards.
Button Mushroom		Composting	- If compost is ready, farmer's are advised to start spawning and bagging of mushrooms.

Apiculture		Care /Feed supplement	<ul style="list-style-type: none"> - Farmer's are advised to migrate the honey bee colonies from hilly regions to plains in order to avoid mortality due to decline in temperature. - Farmer's are advised to inspect honey bee colonies after every fortnight interval to maintain cleanliness and to check avoid mortality of honey bees due to brood and disease infestation. - To avoid robbing and insect pest infestation farmer's are advised to close/seal all cracks, crevices and holes of honey bee colonies with wet soil. - In case of mite infestation, place one apistron strip vertically in the center of 6 to 8 frames per colony and advised to not open the honey bee colonies at least for 7 days. There should be sufficient honey/food during the placement of apistron strip. - In case of insufficient nectar or honey in the apiary, artificial feeding (sugar) may be given to honey bees.
Fisheries (Carp)	Fingerlings/ Advanced fingerlings		<ul style="list-style-type: none"> - Farmer's may go for fresh stocking of carp fish seed, available at the Govt. Fish Seed Farm. Before stocking new seed of fish, farmers should go for pre-stocking management practices. - Keeping in view the water quality in wind, farmer's are advised to apply lime @ 20 -2 5 kg/ha/month and manure (cow dung) @ 1000 kg /ha/month both at the interval of 5 – 7 days. - Apply regular supplementary feed on daily basis @ 2 - 3 % of total fish biomass (estimated) present in the pond. In case of appearance of algal bloom, farmers should stop the addition of manure /fertilizers/supplementary feed in the pond for some time - Fish farmer's should maintain the optimum water level in carp ponds.
(Dairy animals & sheep and goats)		Care/Feed supplement	<ul style="list-style-type: none"> - Nomads are advised to vaccinate and deworm their flocks using Panacur @ 7.5 mg/kg body weight in order to avoid the economic losses caused by viral and parasitic diseases. - Farmer's are advised to feed 1.5 kg extra concentrate ration to the pregnant cows after 7th month of pregnancy. - Farmer's are advised to include top feeds i.e. leaves of jamun, guava etc. in the diet of small ruminants to decline the parasitic load.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - Chicks should be supplemented with balanced ration to prevent occurrence of nutritionally deficient diseases. - Vaccination of chicks against Fowl pox disease should be done at 6 weeks of age. - If symptoms like scabs/pimples seen on comb/face/wattles, farmer's are advised to apply glycerin/oil on the affected dry regions. Avoid to come in direct contact of lesions. - Bedding material i.e Rice husk should be used in the brooding houses for the protection of new born chicks from decline in temperature. - Farmer's are advised to keep improved breeds of Backyard poultry i.e Vanraja, chabro to supplement the daily income. - For more information, farmer's are advised to visit Krishi Vigyan Kendra, Rajouri.

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