



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for Doda District
Sher-e-Kashmir University of Agricultural Sciences and Technology – Jammu
RARS, Tandwal, Rajouri – 185131 (Union Territory of Jammu & Kashmir)



Agromet Advisory Bulletin

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)

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Date: 10th September, 2024

No. AUJ/RARS/Raj/Agromet/2024-25/1017

Significant past weather for the preceding 5 days (05th to 09th September, 2024)

Rainfall (mm)	4.0
Maximum Temperature (°C)	25.2 – 28.6
Minimum Temperature (°C)	14.6 – 16.4
Relative Humidity (%)	66 - 87

Medium range weather forecast for Doda (11th to 15th September, 2024)

Weather Parameters	11/09/24	12/09/24	13/09/24	14/09/24	15/09/24
Rainfall (mm)	3	0	0	0	0
Maximum Temperature (°C)	29	29	30	30	30
Minimum Temperature (°C)	16	15	15	15	15
RH Morning (%)	75	70	70	70	60
RH Evening (%)	60	60	60	50	50
Wind Speed (kmph)	1	1	1	1	1
Wind Direction	60	320	313	340	332
Cloudiness (octa)	4	2	1	1	1

*Block level weather forecast (District Model Output) of Doda District have been given in Annexure I.

Weather forecast summary:

As per the forecast issued by India Meteorological Department, the sky will remain variably to generally cloudy with mainly dry weather with brief showers likely to be expected at isolated places between 10th - 11th September. The maximum temperature may range between 29 - 30 °C and minimum temperature may range between 15 to 16 °C for next five days. Relative humidity may range between 50 to 75%. Wind may blow mainly between East North Eastern (ENE) and North North Western (NNW) direction the average speed of 1 km/hour.

General Advisory:

- Mainly dry weather with brief spell of light rain/thundershowers likely to be expected at isolated places between 10.09.2024 and 11.09.2024.
- As per Extended Range Forecast System (ERFS), rainfall is likely to be below normal between 11.09.2024 to 15.09.2024 over most parts of the Jammu division.

SMS Advisory: Need to keep strict vigil on symptoms of blast (eye shaped spots) in rice crop. If symptoms observed, framers are advised to apply Tricyclazole @ 0.06 % or 1 ml in 1.5 liters of water.

Agro meteorological Advisory:

Crop	Stage	Insect pest/ Diseases Management & other operations	Weather based Agro meteorological advisories
Paddy	Panicle development	<p>Insect pest management</p> <p>Blast</p> <p>Bacterial Leaf Blight (BLB)</p>	<ul style="list-style-type: none"> - Farmers are advised to remain vigil on attack of rice hispa and leaf folder in main paddy crop fields. If observed, apply Chlorpyrifos + Cypermethrin @ 2 ml/liter or Emamectin benzoate 5% SG @ 0.4 g/liter/ Thiamethoxam 25 WG 0.5 g/liter of water for same. - Need to keep strict vigil on symptoms of blast (eye shaped spots). If symptoms observed, farmers are advised to apply Tricyclazole @ 0.06 % or 1 ml in 1.5 liters of water. - If attack of BLB (tip burning) is observed, apply Streptocyclin Sulphate @ 1.0 g/10 liter of water.
Maize	Grain Filling	Insect pest Management	<ul style="list-style-type: none"> - Farmers are advised to remain vigil for the attack of aphids in maize crop. If observed, apply Rogor @ 1.5 ml/liter of water for effective control. - Keep vigil on the attack of blister beetle in maize crop. If observed, apply Carbofuron 3G @ 20 kg/ha (apply 3- 4 granules/leaf whorls to control the blister beetle). Also advised to collect blister beetle by hand and kill them by burning or putting in water.
<i>Kharif</i> Pulses (Mash & Moong)	Flowering	<p>Insect pest management</p> <p>Care</p>	<ul style="list-style-type: none"> - Farmers are advised to remain vigilant on attack of white fly in pulse crops. If observed, apply Imidacloprid @ 8 ml/15 liters of water. - To control Blister Beetle in pulse crops, farmers are advised to apply Cypermethrin @ 1.5 ml/liter of water. - For better crop growth, farmers are advised to remove off type plants from <i>kharif</i> pulses.
Vegetables Cole crops	Nursery Sowing	Damping off	<ul style="list-style-type: none"> - Farmers are advised to undertake nursery sowing of main season cole crops (cauliflower, cabbage and Knol khol). Where sown, proper drainage should be provided to nursery beds. - To avoid damping off, farmers are advised to follow following measures: <ul style="list-style-type: none"> • Prepare raised seed beds. • Addition of sand to the seed beds • Use of light and frequent irrigation • Use of <i>Trichodrema</i> formulation with well rotten FYM @ 4 gm per kg of seed before seed sowing.
Root crops	Sowing		<ul style="list-style-type: none"> - Sowing of root crops like carrot and radish can be done on ridges. - Thinning can be done in already germinated crop to maintain plant population.
Okra	Fruiting		<ul style="list-style-type: none"> - In case of open pollinated varieties, farmers are advised to left 2 - 3 fruits in Okra plants for seed production purpose.
Horticulture (Stone Fruits & Nut Fruits)		Care/Staking	<ul style="list-style-type: none"> - Farmers are advised to provide mechanical support to young fruit plants to avoid lodging due to strong winds. - For maximum success, remove off shoots from nurseries as well as other plants when they appear. - Remove tying material from bud/graft union carefully. - Due to rains, weed infestation may increase in the orchards. Regular weeding may be done after normal spells. - Install insect traps such as light trap, sticky traps and pheromones traps to check insect-pest attack. - Weather is congenial for attack of fungal diseases in temperate fruits. Farmers are advised to keep vigil for the same. For any information on diseases management contact nearby Horticulture Department or Krishi Vigyan Kendras.

Button Mushroom			<ul style="list-style-type: none"> - Since at present room temperature is in the range of 25 – 30 °C, so farmers are advised to start preparing compost preparation for cultivation of white button mushroom so that spawning for first (early) crop is done in last week of September.
Apiculture		Care /Feed supplement	<ul style="list-style-type: none"> - During cloudy/rainy days farmers are advised to not open honey bee colonies. - Provide proper ventilation by slightly raising the brood chamber. Make sure that bees do not pass through the ventilation otherwise robbing may be induced. - In case of continuous rains, provide artificial feed (sugar) or honey to bees after every 7 – 10 days due to shortage of nectar. - For protection of ants put the legs of apiary into water so that ants could not attack apiary.
Fisheries (Carp fish)	Fry/ Fingerlings/ Table size	Feeding/ Water management	<ul style="list-style-type: none"> - Farmers who have already stocked fish livestock in their ponds are advised to maintain proper water level in their fish ponds. - Farmers who have already stocked fish seed should apply supplementary feed @ 2-3% of total estimated fish biomass in the pond. - Farmers are advised to follow regular manuring and liming at fortnightly or monthly interval. - In case of appearance of algal bloom, farmers should stop/suspend the addition of manure/fertilizers/supplementary feed in the ponds for some days.
Live stock (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 aeration, ventilation and hygiene in the cattle sheds as humidity is rising. - 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. - Due to cloudy weather and rains, possibility of contagious and infectious diseases arises in cattles. Farmers are advised to remain vigilant for same.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - Keeping in view the present weather conditions farmer are advised to undertake following measure in their poultry farms: <ul style="list-style-type: none"> • Turn bedding material (husk/straw) on regular basis to avoid chances of infection in poultry birds. • Add vimral supplement and jaggery in the clean drinking water to avoid any sort of stress in poultry birds. • 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. • Disinfectant tray should be kept at entrance of the poultry house to prevent occurrence of infectious diseases.. • Farmers are advised to keep improved breeds of Backyard poultry i.e Vanraja, chabro to supplement the daily income.

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