

GRAMIN KRISHI MAUSAM SEWA



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Agromet Advisory Bulletin for District Udhampur (01st to 05th April, 2023)

(Issued jointly by Regional Agricultural Research Station- Rajouri, SKUAST-Jammu and India Meteorological Department)
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No. AUJ/RARS/Raj/Agromet/2022-23/2354

Significant past weather for the preceding 5 days (26th to 30th March, 2023)

Rainfall (mm)	6.4
Maximum Temperature (°C)	22.8 - 27.9
Minimum Temperature (°C)	9.9 - 18.8
Relative Humidity (%)	-

Medium range weather forecast for Udhampur (01st to 05th April, 2023)

Weather Parameters	01/04/23	02/04/23	03/04/23	04/04/23	05/04/23
Rainfall (mm)	35	40	10	30	25
Maximum Temperature (°C)	26	25	25	25	25
Minimum Temperature (°C)	14	13	13	13	13
RH Morning (%)	90	90	90	90	90
RH Evening (%)	70	70	70	70	70
Wind Speed (kmph)	1	1	1	1	1
Wind Direction	95	48	45	40	48
Cloudiness (octa)	8	8	8	8	8

Weather forecast summary: The sky will remain overcast to generally cloudy with possibility of rain/thundershowers during next five days. Maximum temperature may range between 25 to 26°C and minimum temperature 13 to 14°C for next five days. Relative humidity may range between 70 - 90%. Wind may blow mainly in the North Eastern (NE) direction with the average speed of 1 km/hour.

Agro meteorological Advisory

General Advisory for coming 5 days

Isolated light to moderate rainfall expected during next five days. Postpone application of chemical plant protection measures, transplanting of vegetables (cucurbits) and plantation of new orchards till weather improves. Provide proper drainage in the fields to avoid water stagnation. As per Extended Range Forecast System (ERFS), rainfall will remain above normal w.e.f 01.04.2023 to 05.04.2023 in UT of Jammu and Kashmir.

Crop	Stage	Insect pest/ Diseases Management & other operations	Weather based Agro meteorological advisories
Wheat	Ear initiation	Disease Management Care	<ul style="list-style-type: none"> - Farmers are advised to keep strict vigil on appearance yellow rust in wheat crop. If observed, apply prophylactic spray on the crop with Propiconazole (Tilt) 25 EC @ 0.1 % (1ml/ liter of water) during clear weather conditions. - Rogue out loose smut affected plants from wheat crop. - Moderate level rainfall expected during next five days. Provide proper drainage in the fields to avoid water stagnation.
Oilseed Crops (Mustard)	Siliquae development	Disease Management Care	<ul style="list-style-type: none"> - Weather conditions are congenial for the attack of white rust and downy mildew in mustard crop. If observed, apply Mancozeb @ 0.2% or Copper oxychloride 50% @ 0.3% at the appearance of white rust and downy mildew during clear weather conditions. - Moderate level rainfall expected during next five days. Provide proper drainage in the fields to avoid water stagnation.
Rabi Pulses	Pod formation	Disease Management Care	<ul style="list-style-type: none"> - There may be chances of Fusarium wilt and powdery mildew infestation in pea due to high morning and evening RH. If observed, farmers are advised to go for Mancozeb + Carbendazim combination (Saaf) @ 1.5 – 2.0 gram/liter of water during clear/dry weather conditions. - Moderate level rainfall expected during next five days. Provide proper drainage in the fields to avoid water stagnation..
Vegetables Onion Summer Vegetables	Transplanting	Care Insect pest Management Care	<ul style="list-style-type: none"> - Farmers are advised to stop irrigation to avoid rotting of bulb in onion crop when diameter of onion bulb has attained dia of 5 to 8 cm and above. - Keeping in view the possibility of rainfall during next five days, farmers are advised to avoid transplanting of cucurbits (cucumber, bottle gourd, bitter gourd, sponge gourd and pumpkin) in low and mid intermediate areas and solanaceous vegetables (tomato, brinjal, chilli and capsicum) in mid and high intermediate areas of the district till weather improves. - Weather is congenial for the attack of aphids in cruciferae family in vegetables. Place one yellow sticky trap/kanal in mustard crop to manage aphid population. Further, if aphids are not controlled, farmers are advised to spray Rogor (Dimethoate) 30 EC @ 1 ml/liter of water during clear weather conditions. - Moderate level rainfall expected during next five days. Provide proper drainage in the fields to avoid water stagnation.
Horticulture (Stone Fruits & Nut Fruits)		Insect pest Management Plantation Care	<ul style="list-style-type: none"> - Keep strict vigil on attack of peach leaf curl aphid and leaf curl complex on stone fruits. If observed, contact nearest Department of Horticulture, Regional Agricultural Research Station and Krishi Vigyan Kendra (KVK). - Farmers are advised to keep vigil on appearance of aphid on stone fruit plants. If observed, apply Imidacloprid @ 8 ml/15 liters of water or Dimethoate 30 EC @ 1 ml/liter of water. - Possibility of rain/thundershowers during next five days, farmers are advised to suspend plantation of new orchards of stone fruits, nuts and apples under intermediate zone till weather improves. - Young fruit plants may be provided staking to avoid damage from adverse weather conditions. - Moderate level rainfall expected during next five days. Provide proper drainage in the orchards to avoid water stagnation.
Pleurotus (Dhingri)			<ul style="list-style-type: none"> - Farmers are advised to start the Dhingri cultivation. - For cropping maintain bag to bag distance 15-20 cm and humidity (70-80%) in the growing room.

Apiculture		Care /Feed supplement	<ul style="list-style-type: none"> - Farmers are advised to inspect honey bee colonies after every fortnight interval to maintain cleanliness and to avoid mortality of honey bees due to brood and disease infestation. - If there is good flow of nectar/pollen and 8 frames of bee hives are full, farmers should go for installation of Super to avoid overcrowding and escaping of bees from hives. - To avoid robbing and insect pest infestation farmers are advised to close/seal all cracks, crevices and holes of honey bee colonies with wet soil. - If any colony is infected from mites (<i>Varrow destructor</i>), place one apistron strip in 6 to 8 frames colony in the center vertically and do not open the colony for at least one week.
Fisheries (Carp fish culture)	Advanced fingerlings/ Table size fish		<ul style="list-style-type: none"> - Add regular supplementary feed on daily basis @ 2-3 % of total estimated fish biomass present in the pond. - In case of appearance of algal bloom, fish farmers should stop/suspend the addition of manure/fertilizers/supplementary feed in the pond for some days. - Farmers who are going to stock new seed of fish by next month, they may go for pre-stocking management practices.
Live stock(Dairy animals, sheep and goats)		Care/Feed supplement	<ul style="list-style-type: none"> - Provide supplement diet with mineral mixture (agrimin forte @ 30 – 40 grams/day for milch animals and for goat and sheep @ 15 - 20 grams/day. - Farmers are advised to feed 1.5 kg extra concentrate ration to the pregnant cows after 7th month of pregnancy. - To avoid the contamination in milk, milker's/farmer's should clean their hands, clothes, utensils and udder before milking. - Colostrum should be fed within half to one hour to new born calves.
Poultry		Care/Feed supplement	<ul style="list-style-type: none"> - In case of finding symptoms like Influenza/flu in poultry birds, farmers are advised to consult the nearby Veterinary centers and KVKs. - Grits should be fed along with the whole maize grains for the proper grinding and digestion.

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