



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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Agromet Advisory Bulletin

Date: 11.06.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-06-11 (Valid Till 08:30 IST of the next 5 days)

Parameter	12/06/2024	13/06/2024	14/06/2024	15/06/2024	16/06/2024
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	41.0	41.0	41.0	40.0	40.0
Min Temp(°C)	23.0	23.0	23.0	24.0	24.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	12	12	14	15	14
Wind direction	270	270	270	270	270
Cloud cover	3	1	1	1	1

Weather Summary/Alert:

The last week (4 to 10 June) in the region experienced 1.6 mm rainfall with the maximum-minimum temperature ranging 38.0 to 40.5°C and 20.6 to 28.3°C, respectively. The morning and evening relative humidity varied between 49-66% and 16-38%, respectively while the wind blew from west, west-north-west and south-east at a speed ranging 5.6-9.5 kmph. Clear skies were observed on most of the days last week. The upcoming forecast shows no rainfall and maximum-minimum temperature are expected to vary as 40.0-41.0°C and between 23.0-24.0°C, respectively. The wind is expected to blow from west direction at a speed of 12-15 kmph. No rainfall is expected in the following week and dry weather is likely to prevail in the region. A yellow warning regarding heat wave at isolated places may be experienced on 11, 12 and 13 June and at few places on 14 and 15 June.

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the region. The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 07.06.2024 to 13.06.2024. Dry weather has been predicted in the region so irrigation should be applied as required and moisture conservation measures should be followed. All such farming activities should be scheduled during evening hours.

SMS Advisory:

As per IMD forecast, dry weather with heat wave condition is expected so regular irrigation and moisture conservation measures should be followed.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Nursery preparation	Nursery Seedlings of early ripening varieties of paddy, Govind, Narendra 118, Narendra 97, Saket 4, etc., should be sown till June 20. Aromatic Paddy Varieties-Type 3, Tarawadi Basmati, Pusa Basmati-1, Basmati-370, Pant Sugandh Paddy 15, Pant Sugandh, Paddy-17, Pant Sugandh Paddy- 21, Pusa Sugandh-2, Pusa Sugandh-3, Pusa Sugandh-4 Pusa-1121, Pusa Sugandh-5, P.R.H. should be transplanted between 15th to 30th June. Paddy seedlings can be prepared by wet and dry method. In wet method, apply water in the planting area 15-20 days before so that the weeds can germinate and get mixed in the field while preparing the field. Prepare the field by adding the above manure with dry method and sowing should be done @500 grams of seeds per 10 square meters in rows at a distance of 5-10 cm and apply water after sowing. Treat the seeds with Carbendazim 50% w.p. @ 2 g/kg. Use shade nets to protect the paddy beds from extreme sunlight.
Urd/Moong	Maturity/Harvest	Do not delay harvesting of pulse crop as it might cause bean crackling. As soon as 80 percent beans are ripe, pluck the beans and turn the green plants into green manure in the field itself.
Pigeon pea/Arhar	Sowing	Sowing of early varieties of arhar that are UPAM-120 and Pant Arhar 291 should be done till mid June. For good production the seeds should be treated with 8 g/kg biocontroller trichoderma powder and then seed treatment with rhizobium and PSB biofertilizers.
Sugarcane	Vegetative	The autumn planted and spring planted new sugarcane crop should be irrigated as required and regular hoeing-weeding should be done. As per the recommendation nitrogen application should be done and soil should be piled around the stem (earthing up).
Spring maize	Maturity/Harvest	Mature cobs in spring maize should be harvested before rain commences for sale purpose. Bird scaring should be practiced.
<i>Kharif</i> maize	Sowing	Cluster varieties of <i>kharif</i> maize such as Tarun, Naveen, Kiran, Navjot, Pratap Maize-1, Pusa Cluster 3 and 4 can be sown. The seed rate can be maintained at 18-20 kg/ha and sowing can be done at a distance of 60-75 cm.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Brinjal	Sowing/ Transplanting	The sowing or transplanting of round brinjals should be done. The transplanting should be done during evening hours. Sufficient spacing of 75cm row to row and 60-75cm plant to plant should be maintained.
Pumpkin/Other cucurbits	Fruiting/Harvesting	Control the problem of vine drying in pumpkin crops, cut and destroy the infected and dried vines. Irrigate the roots with carbendazim solution at the rate of 0.1% (1 gram per liter).
Okra/Ladyfinger	Fruiting	At harvesting stage, any kind of insecticide application should be avoided. If required, the framers may go for organic application of neem oil @3ml/l of water.
Chilli	Flowering/fruitletting	Farmers need to complete the harvesting of the prepared chilli crop, as well remove upper stipe of chilly crop if drying after turning black, and spray 0.1% Carbendazim solution. Maintain moisture to avoid flower drop.
Ginger/Turmeric	Planting	Planting of the crops can be taken during the monsoon season and enough soil moisture should be maintained for proper growth.
Peach/plum/pear	Harvesting	Harvest the stone fruits and regular irrigation should be applied to the field.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided.
Buffalo	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water.

Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation) Specific Advisory
General Advice	To save fruit drop soil conservation measures like mulching should be done in the basins.