



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

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Agromet Advisory Bulletin

Date : 22-04-2022

Weather Forecast of UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-04-22(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-04-23 | 2022-04-24 | 2022-04-25 | 2022-04-26 | 2022-04-27 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 36.0 | 37.0 | 38.0 | 38.0 | 39.0 |
| Tmin(°C) | 20.0 | 19.0 | 19.0 | 20.0 | 21.0 |
| RH-I(%) | 50 | 45 | 45 | 55 | 50 |
| RH-II(%) | 40 | 40 | 40 | 45 | 45 |
| Wind Speed(kmph) | 8.0 | 12.0 | 14.0 | 14.0 | 12.0 |
| Wind Direction(Degree) | 230 | 220 | 250 | 220 | 200 |
| Cloud cover(octa) | 0 | 0 | 1 | 1 | 0 |

Weather Summary/Alert:

In the last seven days (15-21 April, 2022), there was 2.6 mm rain and the sky was Clear to cloudy. The maximum & minimum temperatures ranged between 35.5 to 40.0°C and 16.4 to 23.7°C respectively. Relative humidity ranges from 51 to 74 % at 0712 hrs and 11 to 33 % at 1412 hrs. The wind was mainly from the ESE, WSW & WNW with a speed of 1.0 to 6.8 km/hour. In the coming five days, weather will remain clear.

General Advisory:

In paddy-wheat cropping system, after harvesting wheat and other rabi crops, mainly sow dhaincha and sunai for green manure. Preference should be given to Sunai in sandy and loamy soils and dhaincha in heavy soil & waterlogged areas. The seed rate for dhaincha is 50-60 kg/ha and for sunai the seed rate is 80-90 kg/ha.

SMS Advisory:

In the coming five days, weather will remain clear.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| WHEAT | Harvesting and threshing of wheat crops should be completed. Harvested grain should be adequately dried before storage. |

| Crop(Varieties) | Crop Specific Advisory |
|------------------|--|
| SUGARCANE | Sowing of late sown sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used. |
| FODDER MAIZE | Irrigate maize sown for fodder in the second fortnight of February and do top dressing at the rate of 30-35 kg nitrogen per hectare (about 65-75 kg urea) after 3-4 days of irrigation. |
| CHICK PEA | To control the fruit borer in gram crop, solution of 125 ml of Chlorantraniliprole 18.5 SC or 220 g of Emamectin benzoate 5SG or 750 ml of Novaluron 10 EC or 500 ml of Lembdacyhalothrin 5EC in 500 liter of water should be sprayed @ per hectare. |
| SUNFLOWER | Irrigate the crop as needed and remove weeds by weeding. At the time of hoeing, add 10-15 cm of soil to the roots of the plants. |
| GINGER | Sowing of ginger should be done. Pre irrigation should be given in the field of ginger. Ploughing of field should be done by applying 20-25 ton dung manure. 50 Kg Nitrogen, 80 Kg Phosphorous and 80 Kg Potash per Hectare should be applied in the field at the time of last ploughing. |
| OKRA/ LADYFINGER | In okra crop, irrigation should be done with light weeding & hoeing. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| TOMATO | On the occurrence of fine mottled spot in upper leaves of tomato, Sarvangi insecticide at 10-15 days interval should be sprayed. |
| FRENCH BEAN | If the new plants of French bean are turning yellow then roots of these plants should be irrigated with solution of Carbendazim @ 1g/lit of water. If the leaves of old plants are turning yellow then same chemical should be sprayed in the leaves. |
| BRINJAL | Light irrigation, weeding and hoeing should be done in the brinjal crop. |
| COLOCASIA/ TARO | In plains, Bhabar and Terai areas, sow early variety of colocasia this month. Pre irrigation should be given in the field of colocasia root (arbi). Ploughing of field should be done by applying 20-25 ton dung manure. 50 Kg Nitrogen, 80 Kg Phosphorous and 80 Kg Potash per Hectare should be applied in the field at the time of last ploughing. |
| MANGO | Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days. On the occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liter should be sprayed in the mango orchard. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| BUFFALO | Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle , treat it immediately |