



Agromet Advisory Bulletin

Date : 03-02-2023

Weather Forecast of District NAYAGARH(Odisha) Issued On : 2023-02-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-04	2023-02-05	2023-02-06	2023-02-07	2023-02-08
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	32.0	33.0	32.0
Tmin(°C)	13.0	13.0	14.0	15.0	15.0
RH-I(%)	42	53	56	51	48
RH-II(%)	9	7	10	11	11
Wind Speed(kmph)	5.1	5.0	4.5	5.5	6.1
Wind Direction(Degree)	292	214	180	214	289
Cloud Cover(Octa)	2	1	0	0	0

Weather Summary/Alert:

As per IMD forecast, no rainfall is expected for next 5 days and the weather will be sunny and dry. Maximum temperature will vary from 31°C- 33°C and minimum temperature will vary from 13°C to 15°C. The range of maximum humidity may remain 42%-56% and minimum humidity may remain 7%-11%. Cloud cover will be 0-2 octa. Wind speed may vary from 4.5-5.5 kmph.

General Advisory:

Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from fog, low temperature and moisture stress.

SMS Advisory:

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Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Treat the green gram seeds with Vitavax power (Carboxyn + Thiram) @ 2 gm per kg of seeds before 7 days of sowing and then treat the seeds with Rhizobium culture @ 20 g per kg of seeds just before sowing in the main field.
GREEN GRAM	If green gram plants have attained 25% flowering, then spray water soluble fertilizer 19:19:19 @ 8 gm per litre of water and the once again in same dose during pod initiation stage.
GREEN GRAM	In order to control the first stage of YMV, treat 1 kg of green gram seeds with Imidachloprid 48% FS (Gaucho 600 FS) @ 5 ml in 5 ml of water.
GREEN GRAM	In order to control Yellow Vein Mosaic virus in green gram, foliar spray Difenthurion 50% WP @ 160 g in 200 litres of water per acre of land.
GREEN GRAM	Powdery mildew is noticed in green gram crop. Foliar spray with Sulphur 80% WP @ 800 g or Penconazole 10% EC @ 100 ml in 200 litres of water per acre of land.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Red rot disease is most common in sugarcane. To control it spray (Mancozeb 64% + Metalaxyl-m 8%) @ 400 gm or (Carbendazim 12% + Mancozeb 63%) WP @ 400 g in 200 litres of water per acre of land.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Root rot disease has been noticed in brinjal cultivation. Spray (mancozeb 64 % + metalaxyl-m 4 %) @ 2gm per liter of water near the root zone.
BRINJAL	Damping off disease is observed in brinjal seedlings. In order to control it, soil drench with (Mancozeb + Metalaxyl-m) @ 2.5 gm per litre of water in the nursery.
BRINJAL	Wilting has been noticed in brinjal. Soil drench with Copper oxychloride 50 WP @ 2 gm + Streptocyclin @ 0.1 gm per liter of water to control it.
CAULIFLOWER	In order to control Diamond back moth in cauliflower, spray Spinosad @ 80 ml in 200 litres of water per acre of land.
Menacinakahi	Thrips and mites are noticed in chilli. Foliar spray with Propargite 57 EC @ 400 ml and Fipronil 5% SC @ 400 ml alternately at an interval of 10-15 days in 200 litres of water per acre of land to control it.
CHILLI	Thrips and mites are noticed in chilli. Foliar spray with Propargite 57 EC @ 400 ml and Fipronil 5% SC @ 400 ml alternately at an interval of 10-15 days in 200 litres of water per acre of land to control it.
MUSHROOM	Unutilised small pieces of paddy straw can be used in oyster mushroom production so that cost of cultivation as well as manual work can be reduced.
MUSHROOM	If flies or its larva are seen in mushroom bed, spray 1-1.5 ml Dichlorovos or 1.5-2 ml Malathion in 1 litre of water around the mushroom bed/ bag and close the mushroom shed for one day.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
INDIAN MAJOR CARP	For management of EUS disease in fishes, apply 400 ml of CIFAX in 40 buckets of water per acre of pond water area.
COMMON CARP	Stocking of Improved common carp 'Amur' fingerlings @ 200 nos. per acre is advisable for community pond.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
AGRIL ENGINEERING	Power weeder can be used in all types of cultivation having row to row spacing of 33-120 cm. Spacing of the machine can be adjusted according to the crop and 1.5 litres of petrol/ diesel is consumed per hour.