



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Orissa University of Agriculture & Technology,
Bhubaneswar



Agromet Advisory Bulletin

Date : 05-12-2023

Weather Forecast of District NAYAGARH(Odisha) Issued On : 2023-12-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-06	2023-12-07	2023-12-08	2023-12-09	2023-12-10
Rainfall(mm)	12.0	12.0	3.0	1.0	0.0
Tmax(°C)	29.0	29.0	30.0	30.0	30.0
Tmin(°C)	21.0	21.0	20.0	18.0	17.8
RH-I(%)	95	93	96	95	91
RH-II(%)	63	81	82	64	59
Wind Speed(kmph)	7	7	5	4	3
Wind Direction(Degree)	58	66	71	72	206
Cloud Cover(Octa)	6	6	5	4	2

Weather Summary/Alert:

As per IMD forecast, very light to light rainfall is expected for next 5 days and the weather will remain cloudy. Maximum temperature will vary from 29°C- 30°C and minimum temperature will vary from 17°C to 21°C. The range of maximum humidity may remain 91%-96% and minimum humidity may remain 59%-82%. Cloud cover will be 2-6 octa. Wind speed may vary from 3-7 kmph.

General Advisory:

Very light to light rainfall or thundershower is most likely to occur at some places in the district due to the severe cyclonic storm 'Michaung' over west central Bay of Bengal. Stop application of insecticides and herbicides during rainfall. Make proper drainage channels in the vegetable fields for draining out excess water.

SMS Advisory:

Very light to light rainfall or thundershower is most likely to occur at some places in the district due to the severe cyclonic storm 'Michaung' over west central Bay of Bengal.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Store the harvested rice at safer places as soon as possible.
RICE	If there is difficulty in threshing the harvested rice then store it in safe place by covering it with polythene.
RICE	Make arrangements for drainage of excess water from rice fields.
RICE	Inorder to control hispa in rice, spray Emamectin benzoate @ 80 g in 200 litres of water per acre of land.
PIGEON PEA (RED GRAM/ARHAR)	Inorder to control leaf blight in pigeon pea, spray Chlorothalonil @ 400 g in 200 litres of water per acre of land.
PIGEON PEA (RED GRAM/ARHAR)	Pod borer in pigeon pea cultivation has been noticed in some places. Spray Chlorantraniliprole @ 80 ml in 200 litres of water per acre of land to control it.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.
BRINJAL	In order to control Epilachna beetle in brinjal crop spray Emamectin benzoate 5 SG @ 60 gm in 200 litre of water per acre of land.
BRINJAL	Fruit rot disease in brinjal crop has been noticed. Foliar spray with Thiophenate methyl @ 300 g in 200 litre 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.
BITTER GOURD	Downy mildew disease is being noticed in bitter gourd and cucumber. Spray (Metalaxyl-m 4 % + Mancozeb 64 %) @ 400 g in 200 litres of water per acre of land.
CUCUMBER	For controlling viral diseases in cucumber, first of all destroy all the affected plants. Then foliar spray Tolfenpyrad @ 400 ml in 200 litre of water per acre of land.
COWPEA/ LOBIA	In order to control fruit borer in cowpea, foliar spray with (Emamectin benzoate + Nuvaluron) @ 400 g or Flubendiamide 39.35 SC @ 80 ml in 200 litre of water per acre of land.
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep the cattle and other domestic animals inside shed and arrange temporary fodder bank with straw for them for next 3-5 days @ 4 kg straw per adult.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
INDIAN MAJOR CARP	Stocking of 50,000 fish fry should be done in 1 acre area pond for production of advanced fingerling.
COMMON CARP	Stocking of 5000 numbers of fresh water prawn post larvae per acre replacing Mrigal and Common carp.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	In order to prevent from Fowlpox disease vaccinate the chicks within 6 weeks with Fowl pox vaccine @ 0.2 ml under the wings or muscle areas.
CHICK	Deworming of chicks should be done once in every 2-3 months.

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.