



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



Agromet Advisory Bulletin

Date : 19-12-2023

Weather Forecast of District RAYAGADA(Odisha) Issued On : 2023-12-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-20	2023-12-21	2023-12-22	2023-12-23	2023-12-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	28.0	28.0	29.0	29.0
Tmin(°C)	14.0	14.0	14.0	15.0	15.0
RH-I(%)	56	53	72	87	83
RH-II(%)	26	23	21	26	29
Wind Speed(kmph)	5	4	4	4	4
Wind Direction(Degree)	158	158	160	158	154
Cloud Cover(Octa)	2	1	3	3	4

Weather Summary/Alert:

It is likely to be partly cloudy sky for next five days except on Thursday, on Thursday it is likely to be clear sky. The daily maximum temperature will remain 28.0 °C-29.0 °C. The daily minimum temperature will remain 14.0°C-15.0°C. The wind speed will remain 4.0-5.0 kmph. Humid conditions during the forenoon (53-87%) and during the afternoon (21-29%) may prevail.

General Advisory:

Due to low night temperature and fog condition, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures. Carry out weeding, hoeing and other intercultural operations in Rabi vegetables. In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition. In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air. For maintaining the heat in the poultry shed during winter season, install heaters in the shed.

SMS Advisory:

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

Crop Specific Advisory:

Crop Stage	Crop Specific Advisory
RICE	Arrange good quality paddy seed varieties like Satyabhama, Sahabhazi Dhan, Mandakini, Manaswini, DRR 42, DRR-43, DRR-44, Bina 11, GB-1, Improved Lalat, MTU 1010, MTU 1001, Naveen, Swarna Shreya which can be grown during dry season. Seed rate for an acre of land is 20 kg for these varieties. Treat

Crop Stage	Crop Specific Advisory
	the seeds with Carbendazim 50% W.P @ 2-gram/1-kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3- gram /1 kg of seeds before sowing in the nursery
COTTON	Farmers are advised to go for picking cotton on sunny days after 9 AM or when dew dries up from the crop surface. Pick the seed cotton in cloth bag or plastic basket. Remove the dry leaves and other plant part from the seed cotton. First picking, second picking and third picking seed cotton separately. If more than one variety or hybrid of cotton is grown than keep them separately. Dry the seed Cotton on concrete floor or tarpaulin for 2-3 hours in direct sunlight and keep it in clean cloth bags.
SUNFLOWER	For early sown summer sunflower,Go for hoeing and weeding. Apply 3 kg N to improved varieties and 6 kg to hybrid ones. Thin out plants keeping one healthy plant per hill.
MUSTARD	Downy mildew disease is being noticed in mustard cultivation. Spray Azoxystrobin 23% SC @ 200 ml in 200 litres of water per acre of land.

Horticulture Specific Advisory:

Horticulture Stage	Horticulture Specific Advisory
CAULIFLOWER	To control leaf eating caterpillar and fruit borer in Cauliflower apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	PPR disease also known as 'Goat Plague' is common during winter. This viral disease that affects goats and sheep which causes sudden fever, pneumonia and coughing. Affected animals appear restless, have a dull coat, dry muzzle and depressed appetite. Pregnant animals may abort. Vaccinate the animals.