



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



Agromet Advisory Bulletin

Date : 09-01-2024

Weather Forecast of District RAYAGADA(Odisha) Issued On : 2024-01-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-10	2024-01-11	2024-01-12	2024-01-13	2024-01-14
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	31.0	30.0	30.0
Tmin(°C)	16.0	17.0	15.0	14.0	14.0
RH-I(%)	77	69	75	72	49
RH-II(%)	24	26	28	26	19
Wind Speed(kmph)	5	4	5	6	7
Wind Direction(Degree)	152	180	158	162	333
Cloud Cover(Octa)	4	4	2	0	0

Weather Summary/Alert:

It is likely to be partly cloudy sky for next three days and clear sky on saturday and sunday . The daily maximum temperature will remain 30.0 °C-32.0 °C. The daily minimum temperature will remain 14.0°C-17.0°C. The wind speed will remain 4.0-7.0 kmph. Humid conditions during the forenoon (49-77%) and during the afternoon (19-28%) may prevail.

General Advisory:

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

SMS Advisory:

Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.

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 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
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 Emamectinbenzoate or 0.4 ml Spinosad per liter of water.
ONION	Go for inter culture and hand weeding at 15-20 DAT. Apply 30-kg of urea and 15-kg of MOP fertilizer at this stage. Again, inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	In winter number of feeders should be increased. Feed should be available to the bird whole of the day. During winter season birds take less water so far maintenance of water in the body, it is necessary to give continuous supply of fresh water which can be taken by the bird. For maintaining the heat in the poultry shed, install heaters in the shed. Use 200W bulbs to generate heat in small scale operations. Carry out necessary vaccinations as and when required.