



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



Agromet Advisory Bulletin

Date : 15-12-2023

Weather Forecast of District MAYURBHANJ(Odisha) Issued On : 2023-12-15(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-16	2023-12-17	2023-12-18	2023-12-19	2023-12-20
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	28.0	28.0	27.0	26.0
Tmin(°C)	13.0	13.0	12.0	12.0	11.0
RH-I(%)	49	52	53	49	46
RH-II(%)	28	29	30	31	24
Wind Speed(kmph)	7	6	6	8	9
Wind Direction(Degree)	240	202	135	225	243
Cloud Cover(Octa)	0	0	1	1	3

Weather Summary/Alert:

The district is likely to remain dry with clear to mainly cloudy sky. The wind speed will remain within 6.0 to 9.0 kmph up to next five days. The daily maximum temperature may range between 26.0°C to 28.0°C. The minimum temperature may rise between 11.0°C to 13.0°C. Relative humidity during morning may range between 46 to 53 percent and that during the afternoon may range between 24 to 31 percent.

General Advisory:

If harvesting of paddy is completed then its should be collected and stored in a safer place. Make facility for drainage in the field. If the wilt disease incidence seen in early transplanted vegetable crops than drench the soil and root zone with mixture of Streptocycline @ 1.5 gram and Copper Oxychloride 25-gram by mixing it in 10-litre of water. Dry the rain affected harvested paddy under sun for better storage. Drain out the water from paddy field, 15 days before harvesting of the crop. Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. Harvest the crop by leaving one metre from the bund if grain is to be kept for seed purpose. Keep the harvested products in safe place.

SMS Advisory:

Go for the sowing of rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Harvest the paddy if 85% of grains are matured. Keep the harvested products in safe place. Make provision for draining out rain water in standing rice crop by making alleys (Pahi) and keep the drain ends open. Do not leave harvested paddy in field. If paddy is lodged then it should be tied together in standing condition in the field.
MUSTARD	Optimum time for sowing of Rabi mustard has come, use varieties like T-9, PT-303, Nirmal black gold, ultra and 3-5 kg of seed for line sowing. Use 3 gram of Captan or Thiram per 1 kg of seed. Give spacing of 20*10 cm in late varieties and 30*10 cm in early sown varieties.
GREEN GRAM	Treat the seeds with Carbendazim 50% WP @ 2-gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3-gram/ kg of seeds one week before sowing. Before sowing, treat the seeds with Rhizobium culture @ 20-gram/ kg of seeds. Apply 2 ton of FYM or Compost at the time of last ploughing along with 35 kg DAP, 13 kg MOP, 4 kg of Urea per acre as basal fertilizer.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	There are chances of wilt and root rot disease incidence in vegetable crops after the rain. To manage wilt disease in vegetable crops, drench the root zone with a solution

Horticulture(Varieties)	Horticulture Specific Advisory
	of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.
CAULIFLOWER	Apply 25-kg of Urea per acre after hoeing and hand weeding at 15-20 DAT and 25 kg of urea and 25-kg of MOP per acre as last top-dressing fertilizer at 30-35 DAT. If Borax was not applied during transplanting of seedlings than spray Borax @ 4 kg/acre or Folibor /Solubor @ 1.5 gram/litre. Spraying of Boron micronutrient should be done after two weeks of transplanting and two weeks before curd formation.
BRINJAL	For Brinjal apply 30 kg of Urea and 20 kg of Murate of potash per acre after hoeing and hand weeding at 30 DAT and 30 kg of rest urea as last top-dressing fertilizer at 45 DAT. For better yield spray mixture of micronutrient @ 3-gram/litre twice at 30 and 60 DAT.
OKRA/ LADYFINGER	To manage sucking pest like aphids, Jassids, thrips and whiteflies in Okra spray neembased pesticide (Neem Oil 1500 PPM Azadiractin @600-ml/acre by mixing it in 200-litre of water or install 8-10 Nos of Yellow sticky traps per acre to control the pest. Spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Fenobucarb @ 400-ml/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water when infestation is severe.

Live Stock Specific Advisory:

Live Stock(Varieties)	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.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON CARP	During winters, various fungal, bacterial and parasitic diseases may appear in the fish. Treat the pond with CIFAX @ 400 ml/acre just before the onset of winters. Also treat the pond with potassium permanganate @ 1-2 kg/acre or limestone @ 50-100 kg/acre. Salt application @ 100 kg/acre also helps in protecting fish against disease outbreak during winters.

