



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
NORTH EASTERN GHAT ZONE**



RRTTS, G.UDAYAGIRI, OUAT, KANDHAMAL, ODISHA-762100

MULTIMODEL ENSEMBLE BASED DISTRICT LEVEL WEATHER FORECAST FOR THE STATE: ODISHA

ISSUED ON: 03.02.2023 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

Week No. 05

Dt. 03.02.2023

Bulletin No. 10

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
PHULBANI	04-02-2023	0	28	6	2	20	8	6	207
	05-02-2023	0	28	7	1	25	7	6	210
	06-02-2023	0	29	9	0	30	9	5	225
	07-02-2023	0	30	9	0	32	11	6	292
	08-02-2023	0	30	10	0	35	11	6	202

- Complete the nursery rising of summer rice. For productions of healthy seedlings apply 160 kg FYM along with 3.5 kg DAP, 2.7 kg MoP, 2.1 kg urea and 160 g Zinc for 8 decimal area as basal dose. Before sowing seeds should be treated with 3 g Carbendazim 50% WP or 2 g Carboxin 37.5% + Thiram 37.5% DS for one kg seeds.
- Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.
- In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition.
- Complete the nursery rising for tamato and brinjal.
- To control powdery mildew disease in Blackgram and Greengram crop spray Sulphur 80% WP @800-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200-ml/acre or Penconazole 10% EC @ 100-ml/acre by mixing in 200litre of water.
- Present weather condition is suitable for infestation of sigatoka in banana. Go for application of Propiconazole @1ml/ltr for 2-3 times in 25 days interval.
- After harvesting of paddy in medium land, it is ideal time for land preparation for sowing pulses like green gram, black gram and pea. Right time to take up Paira crop which can be sown seven days before harvesting of paddy. Sow the seeds after treating with Carboxin+ Thiram @ 2gm/kg of seed. Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate & 800 ml water and apply with 10 kg of seed. Seed rate: Green gram and Black gram: 25-30Kg/ha. Pea-50Kg/ha. Fertilizer dose:20-40-20 Kg N-P2O5-K2O/ha.

RICE

Complete the nursery rising of summer rice. For productions of healthy seedlings apply 160 kg FYM along with 3.5 kg DAP, 2.7 kg MoP, 2.1 kg urea and 160 g Zinc for 8 decimal area as basal dose. Before sowing seeds should be treated with 3 g Carbendazim 50% WP or 2 g Carboxin 37.5% + Thiram 37.5% DS for one kg seeds

BRINJAL:

To manage whitefly in Brinjal and Tomato crop, use yellow sticky traps @ 8-10/acre to attract and kill the insects. During primary stage of pest infestation spray neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxifen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200-litre of water.

MAIZE -

Fall army worm may observe in field. To control it spray Emamectin benzoate 5 % SG@ 0.4 gm/liter of water or Chlorantraniliprole 18.5 % SC @ 0.4 ml/liter of water.

TAMATO -

To control fruit borer in Tomato, first collect and destroy the affected fruits and grown up larvae. Set up 20 nos. of pheromone trap having Helilure per acre. Go for spraying of insecticide if there are 10% fruits infested with borer. Spray Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre. Use any of the above insecticides alternately at 15 days interval.

CABBAGE -

To manage Diamond Back Moth install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neembased pesticide (Azadirachtin) 300 PPM @ 1-litre/acre by mixing in 200-litre of water. Spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ @80-gram/acre by mixing in 200-litre of water.

Livestock:

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. 10% extra dry matter should be provided over and above the total requirement to fulfill the extra energy requirement in winter. In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulb or install heaters in the shed. Cover the farm with polythene or gunny bag.

Fisheries:

Apply CaO @ 40 kg/ ac.m to the fish ponds. Reduce the fish feed by 20% as the intake of feed by the fish reduces due to fall in temperature. In winters wounds in fish are common. It spreads rapidly from one fish to another. Initially red spots are noticed on the scales which later turned into wounds. To control this disease apply CIFAX 400 ml in one acre pond starting from October to January

For any problem related to agriculture sector, please dial the toll free number 1551.

TECHNICAL OFFICER ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER