



# GRAMIN KRISHI MAUSAM SEWA

INDIA METEOROLOGICAL DEPARTMENT

NORTH EASTERN GAHAT ZONE

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

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

ISSUED ON: 07.06.2019

VALID TILL 08:30 IST OF THE NEXT 5 DAYS



Week No 24

Bulletin No. 45

Dt.07.06.2019

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
GAJAPATI	8/6/2019	15	36	26	8	90	41	5	186
	9/6/2019	15	36	26	8	87	41	4	256
	10/6/2019	10	36	27	7	92	43	5	220
	11/6/2019	0	38	28	7	84	33	6	205
	12/6/2019	0	40	28	7	76	31	6	227

**YAM**-May to June is the optimum time for yam planting. Grow suitable high yielding varieties of yam like Local variety: Shreekirti, Shreerupa, Hatikhoj, Shreeshilpi, Small yam: Shreelata, Shreekala, White yam: Shreesubhra, Shreepriya, Shreedhanya. 8-10 quintals yam required for planting in one acre. Cut the yam into pieces of 150-200 g each. Dig out 1.5 ft. dia and 1.5ft deep holes at 3X3 ft spacing. Apply 5 tons FYM during final land preparation. Apply full P of the recommended fertilizer dose of 32:24:32 kg NPK/acre as basal. Plant the seed material at 5-10 cm sowing depth. Cover the beds with straw mulch of 5 cm height.

**GREENS**-The weather is optimum for sowing of green (leutia). Go for land preparation. Lay out small beds of 5 ft. long, 4 ft. wide with bunds all around.. Remove the weeds and stubbles. Apply 2 baskets of FYM. 4- 6 kg seeds are required per acre. Because of small size seeds, mix the seeds with coarse sands for easy sowing. Cover the seeds with soil by hands followed by straw. Irrigate the beds and remove the straw after emergence. After 12 – 15 days the seedlings are ready for transplanting in the main field. The seedlings are transplanted at a spacing of 75x 30c.

**Summer Ploughing**:Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

The increasing day temperature may initiate wilting in tomato and brinjal. Spray 1 g Streptocycline in ten litre water in the root zone of the plants.

**Green Manuring**-Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Resort to drip and sprinkler irrigation practices wherever possible in the event of limited water availability particularly for commercial crops including fruit orchards and widely spaced vegetables.

Pot watering should be done @ 20-25 litres of water per plant at 15 days interval for freshly planted grafts. Mulching of dried leaves at the base of freshly planted grafts should be done to prevent evaporation.

Raised bed planters save 35 to 50% irrigation water.

**Wilt disease in solanaceous crops. To control:** i) Remove and destroy the infected plants to prevent spread of the disease. ii) Remove excess water from the crop field. iii) Avoid excessive application of nitrogenous fertilizer iv) Spray Tebuconazole @ 200ml/acre with Streptocycline @20g/acre.

Go for ginger sowing. Grow suitable high yielding varieties of ginger like Suprava, Suruchi, Surabhi. 6-8 quintals ginger is required for planting for one acre. Cut the ginger into pieces of 15-19 g each with at least with 2-3 buds. Apply 6 tons FYM during final land preparation and 10 tons after planting. Apply full P, and 50% K of the recommended fertilizer dose of 50:40:40 kg NPK/acre as basal. Plant the seed material in lines at 25 cm apart at 5 cm sowing depth. Cover the beds with straw.

Increased temperature may favour the egg laying of stemborer in rice in the main field. To attract the butterflies, place 4

Pheromon Traps/acre, collect the adults and destroy them by burning them under soil or by burying. Increased difference between daily maximum and minimum temperature favours the infestation of blast in main field. Spray 1 g Beam in one litre water. Rice crop is at panicle initiation stage. Go for top dressing of 12 kg N/acre.

**LIVESTOCK** : Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Do not let the animals for open grazing in between 11 AM to 4 PM.

**PISCICULTURE**: Fish farmers in case have stocked fingerlings in the pond for fish culture, they should monitor the quality and level of water, so also temperature. In case of water temperature goes above 30 °C or water level goes below 1 m. depth, farmers are advised to go for early harvest and discontinue fish seed production and culture activity.

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

**TECHNICAL OFFICER**

**ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER**





