



# 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: 16.07.2019

VALID TILL 08:30 IST OF THE NEXT 5 DAYS



Week No 31

Bulletin No. 56

Dt. 16.07.2019

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
PHULBANI	17/7/2019	10	32	24	5	88	54	6	266
	18/7/2019	15	31	23	8	89	59	4	278
	19/7/2019	40	30	22	6	90	63	2	187
	20/7/2019	30	30	22	5	91	51	4	171
	21/7/2019	7	31	23	7	91	49	4	165

Always use certified seeds and change it in every 03 years

In early sown maize and other non-paddy row sown crops, complete hoeing, weeding followed by earthing up of the crop at 20 days after sowing

Go for sowing of sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart

Go for sowing of non-paddy crops like groundnut, arhar, sesame and cowpea in rainfed upland.

Grow vegetables in uplands like Lady's finger, Cowpea, Cauliflower and Cluster bean.

Adopt SRI method of transplanting which requires less seedlings if seed availability is less, and the nursery raising of seedlings for this method also requires less time of only 10 to 12 days.

The soil moisture will be sufficient for land preparation and go for raising rice seedlings in wet bed nursery.

**SRI Paddy:** 2 kg of seeds are raised in a bed of 40 m<sup>2</sup> for transplanting 1 acre. Seeds are broadcasted and covered with a thin layer of FYM. This maintains temperature, protects from rain. Watering in nursery can be done by rose cane. Seedling becomes ready for transplanting in 10-12 days (2 leaf stage).

**ARHAR :** Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early- duration- Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop . Sow the seeds in line 45-60 x15 –20 cm spacing.

**GROUNDNUT :** Now it is optimum time for sowing of groundnut. . Use 40 kg shelled kernel/acre (60 kg unshelled nuts). Before sowing seeds are to be treated with 2 g Bavistin/kg seeds.Treat the seeds with the Rhizobium culture @ 600 g culture/acre 7 days after fungicidal treatment. Apply 8:16:16 kg NPK/acre during final land preparation as basal. Phosphorous should be applied in form of SSP. Sow the seeds in line 30 cm apart with 10 cm plant to plant distance

**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.

**RAGI :** The weather is optimum for ragi sowing. Grow high yielding varieties like Divyasinha, AKP-2, AKP-3, AKP-7, Godavari, Neelachal, Bhairavi, Shubhra, and Chilika. Use 2 to 2.5 kg seeds /acre for transplanting. Before sowing treat the seeds with 3 g Thiram or 1 g Trycyclozole per kg. Seeds. Apply 10 g each of Nitrogen

and Phosphorous per sq. metre of nursery bed and mix it thoroughly. Sow the seeds uniformly over the beds and cover the seeds thinly with powdered soil.

**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.

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

**TECHNICAL OFFICER**

**ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER**





