



Gramin Krishi Mausam Sewa
India Meteorological Department, AMFU: Semiliguda
Orissa University of Agriculture & Technology
Regional Research & Technology Transfer Station
Semiliguda, Post Box No: 10, Sunabeda, Koraput-763002



Week No.: 30

AGRO ADVISORY BULLETIN

Date: 28.07.2020

District - Nabarangpur (Eastern Ghat High Land)

Forecast up to 02.08.2020 (According to MC, IMD, Bhubaneswar)

- Possibilities of mainly cloudy sky during next five days.
- Chances of light to moderate rainfall during next five days.
- Maximum temperature is expected to be 33-36°C and minimum temperature is expected to be 24-26°C.
- Maximum and minimum relative humidity is expected to be 82-89% and 46-58 % respectively.

Date	29-07-20	30-07-20	31-07-20	01-08-20	02-08-20
Rainfall (mm)	16	7	4	10	12
T. Max. (°C)	35	35	36	35	33
T. Min. (°C)	25	25	26	25	24
Cloud cover	6	5	4	4	5
RH Max. (%)	87	89	83	83	82
RH Min. (%)	55	58	47	49	46
Wind speed (Km/hour)	8	6	8	8	6
Wind direction (°)	216	227	225	220	223

Agro Advisory

General Advisory:

- In view of threat of Corona virus, a measure of personal hygiene and social distancing is to be followed by those engaged in different farm operations.
- By using recent rainfall start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- By using recent rainfall sow the fodder crops like maize, sorghum, cowpea etc.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil.
- Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice:

- The problem of weed may aggravate after transplanting. Application of herbicides Bensulfuron methyle 0.6%+Pretilachlor 6% GR may be applied with sand (25kg) mix 1:1 ratio @10kg/ha within 3-7DAT.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- After uprooting of 25 - 30 days old seedling, root dipping should be done with Chloropyriphos solution (1 ml/litre of water) for reducing insect attack.
- Bacterial blight can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- In zinc deficient areas apply Zinc Sulphate @ 10 kg/acre and in boron deficient soil apply Borax @ 2 kg/acre at the time of final land preparation.
- Transplanting should be done @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting.
- To control weeds in upland rice spray Bispyribac sodium 10% SC at 100ml/acre in 200 litres of water at 20-25 days after transplanting when the weeds are at 2-3 leaf stage.

Ragi:

Variety: Bhairabi, Subhra, Nilachala, Chilika, Godabari, Champabati, OEB 265/532/526

- Plain & upland is suitable for Ragi cultivation.
- Spacing row to row 20-25 cm and plant to plant 10 cm. Seed rate 10kg/ha.
- Before sowing seeds should be treated with Mancozeb @ 2.5g/kg or Bavistin 50WP @ 2g/kg of seeds.
- Fertilizer dose: N:P₂O₅:K₂O -50:40:25 kg/ha. Before transplanting apply whole P₂O₅ with 50% of K₂O & N. Rest 50% N should be applied after earthingup & weeding at 15-20 days after transplanting.

Ginger:

- Select high loamy land for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water.

- **Variety:** Suprabha, Suruchi & Suravi should be planted. **Seed rate:** 1800-2000 Kg/ha
- Before sowing dip rhizomes in a slurry of 1g carbendazim, 3g Mancozeb, 1g Plantomycin & 2ml Quinalphous per liter of water for half an hour and dry in the shade.

Maize:

- Grow Hybrid variety: Pioneer-3401/3436/3502/3501/3377, DMH 8255, Kaveri 225/2288, NMH 731/803, KMH 3712, JKMH 502, Use 15 kg seeds/ha. At the sowing time apply 35 kg DAP, 4 kg urea and 27 kg MoP per acre.
- Gap filling has to be done at 7th day after transplanting. Sow the seeds in lines with spacing of 60cm (Row to Row) X 30cm (Plant to Plant) at 5 cm soil depth. Spray of Atrazine 1-1.5 kg a.i/ha. in 500 litre of water within 24hrs of sowing in moist soil is recommended for effective weed control in maize

Yam:

- Grow suitable high yielding varieties of yam like 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. x 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.

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Note: Contact nearby State Agriculture Officer or KVK Scientist for necessary help and suggestion.

Nodal Officer
GKMS, Semiliguda