



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Mrs. Monika Ray
Technical Officer(I/C)

Week no 30

Dt:28.07.2020

Bulletin for Kendujhar districts of North Central Plateau Agroclimatic Zone

The mean weekly maximum temperature at Kendujhar was 31.4 °C the mean daily minimum temperature was 24 °C & 33.7 mm of rainfall at Kendujhar during the last five days.

Weather Forecast (up to 02.08.2020)

There is likely to be 60 mm rainfall during the next week. The wind speed may remain within 4-7 kmph. The maximum temperature is likely to remain 30-32 °C during the next five days. The minimum temperature is also likely to remain 23-25 °C during the next five days.

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KEONJHAR	29/7/2020	25	30	23	5	91	67	5	144
	30/7/2020	9	31	24	5	93	60	5	169
	31/7/2020	4	32	25	4	86	56	4	190
	1/8/2020	10	32	25	5	82	53	6	183
	2/8/2020	12	32	24	6	90	57	7	166

AGROMET ADVISORY

Kharif Paddy:

- Apply 2 kg PSB per acre before land preparation with 15 kg FYM for Phosphorus availability .
- In transplanting Paddy, before 2-3 weeks of transplanting, apply 4 q/ac Azolla in ponded field .
- Apply 25kg SSP in three equal parts in three phases.
- Maintain 2-3 cm water in nursery.

SRI Paddy:

- 2 kg of seeds raised in a bed of 40 m² 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).
- Transplant 10-12 days old seedling at 25X 25 cm spacing.

Hybrid Rice:

Seed rate is 6 kg/acre. Spacing 20 X 15 cm and transplant 1 or 2 seedling/hill. Fertilizer dose is 100:50:50 kg of NPK/ha.

Arhar: Collect good quality seeds like Mahak, Asha, ICPL, UPAS 120. Seed rate is 8-10 kg/ac. Treat the seeds with rhizobium culture @ 20g per kg seed before sowing. Choose short duration Arhar to escape blister beetle attack.

Green Gram, Black Gram And Cowpea:

Now the weather is optimum for sowing of green gram black gram and cowpea. Grow high yielding varieties suitable for Odisha climate such as

- Greengram: K-851, PDM-11, PDM-54, OUM-11- 5,
- Blackgram : T-9, Pant U-11, Pant U-19, Pant U-30, and
- cowpea – Cowpea-,SEB-2, Pusa Barsati,

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 under rainfed condition Sow the seeds in line 30x10 cm apart.

Goundnut: Collect good quality seeds like Smruti. Seed rate is 50 kg kernels/ac. Treat the seeds with Rhizobium culture before sowing @ 20g/kg seed. Apply 8:16:16 k NPK/ac at final land preparation. Apply P in form of SSP which will supply the sulfur need of oilseed crop.

Vegetables -The current weather is favourable for infestation of fruit and shoot borer in brinjal. To control them, install Pheromone trap and spray 4 g Sevin WP or 2 ml Malathion in 1 litre water alternatively. To control root rot in pointed gourd. Spray 10 g Plantomycine along with 20 g Blitox 50 in 10 litre water. Thrips in Chilli has been found. Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyrifhos in 200 litre water/acre eating.

Mango: July and August are ideal time of planting. Suitable varieties are Amrapalli, Dusseheri, Chousa, Baganpalli, Totapuri, Bombay green, Suvarnarekha, Himsagar, etc. Seedling should be planted in pits at a distance of 10m X 10m. The pit size is 1m X 1m X 1m . One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

Pisciculture: Purchase fish seeds from a reliable fish seed producer and stock 3000 nos. of advance fingerlings of more than 8cm size per one acre of water area. In case of three species combination, the stocking numbers should be for Catla-900, Rohu-1200 and Mrigal-900. In case of six species combination, the stocking numbers should be for Catla-800, Rohu-1200, Mrigal-500, Common carp-300, Grass carp-100 and Silver carp-100. In any situation, the average water depth of the pond should not be less than 5ft level.

TECHNICAL OFFICER
