



Integrated Agromet Advisory Services
India Meteorological Department
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Bhubaneswar -751 003

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Bulletin for Nayagarh district of East and South-Eastern Coastal Plain Agroclimatic Zone

Thunderstorm along with low rainfall and high wind speed occurred on 17th April, 2012 during afternoon in most parts of the districts. In some areas hailstorm also occurred. Thunderstorm resulted in breaking of twigs obstructing the road, cut off of power supply. It damaged the standing crop. Almost everyday thunderstorm occurs in one or two places. Summer rice is at grain filling to maturity stage. The summer pulses and sesame are at pod to seed development stage. Plant protection of summer non-paddy crops like sunflower, sesame, groundnut, and maize are carried out. Intercultural operations of colocasia and corn is carried out. Planting and Plant protection of marigold and tuberose are carried out. Irrigation and top dressing and plant protection of sugarcane is being carried out. Harvesting of greens (Knada) and leutia is almost completed. Irrigation to all paddy and non paddy crops is being carried out.

Forecast (Up to 09.05.2012)

Given by Met. Centre, IMD, Bhubaneswar

DISTRICT : NAYAGARH

The district is likely to receive light rain on Saturday and Sunday and dry on rest days up to Tuesday. The weather may be sunny to slightly cloudy up to next four days. The wind speed is likely to remain within 4 to 6 kmph up to next four days. The daily maximum temperature is likely to increase by 4^oC on Sunday, 2^oC on Monday & 1^oC on Tuesday. The daily minimum temperature is likely to increase gradually by 2^oC on Sunday and 1^oC on Monday.

Weather parameters	05/05	06/05	07/05	08/05	09/05
Rainfall (mm)	.0	4.8	4.3	.0	.0
Max Temperature (deg C)	34	34	38	40	41
Min Temperature (deg C)	23	23	25	26	26
Total cloud cover (octa)	0	1	3	0	0
Max Relative Humidity (%)	87	90	87	86	85
Min Relative Humidity (%)	34	48	50	31	29
Wind speed (kmph)	006	004	004	004	004
Wind direction (deg)	92	86	200	170	177
7 days cum. Rainfall (mm) for the period from 05/05 to 11/05 = NA					

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

Agromet-Advisory

- ❖ Go for summer ploughing to utilize the summer rain
- ❖ Cover the vegetable bursery with thached or polythene to protect the seedlings from high temperature.
- ❖ Go for immediate harvesting of the early planted rice and bring the harvested paddy to the threshing floor or to a safer place. Don't leave the harvested paddy in the field itself
- ❖ Cover the freshly praped vegetable nursery with polythene or with straw.
- ❖ Don't give dirty drinking water to the cattles.

SESAME : The late sown crop at 3 to 4 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. To control leaf webber, spray 400 ml Endosulphan. per acre

ZINGER : Now the weather is optimum time for zinger sowing. Grow suitable high yielding varieties of zinger 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. Go for finger treatment by dipping the seed material with 0.25 % Indophil -M- 45 along with 0.15% Bavistin and 0.05% Malathion for 30 minutes before planting. 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 with 5 cm sowing depth. Cover the beds by straw

GROUNDNUT : Crop is at pod development stage. Go for irrigation. Infestation of thrips has been occurred. Spray 2 ml Endosulphan in 1 litre water. White ant and white grub attack has been found. Thorough soil drenching with Chloropyrifos solution @ 2ml/litre water.. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of rust has been occurred. Spray 25 g Mancozeb or 30 g Blitox-50 in 10 litre

SUMMER RICE : Early planted rice is at maturity stage. Harvest when 85% of panicles is ripe. Weed out the mixture paddy for seed purpose before harvesting. Drain out water from the field before cutting. Take care for rainfall is likely to occur in the week with hailstorm. Take out the harvested paddy to caused threshing floor to avoid rain and high wind speed.

Nodal Officer