



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Orissa University of Agriculture and Technology**  
**RRTTS, Chiplima**



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**Week no-09**

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**West Central Table Land Zone**

**Jharsuguda**

According to IMD, no rainfall is expected from Wednesday to Sunday. The maximum temperature is likely to remain at 38°C and the minimum temperature may vary between 17-18°C. Mainly clear sky may be observed from Wednesday to Sunday. The maximum relative humidity may vary between 31-45% and minimum relative humidity varying between 09-11%. Light air is likely to blow in NNE direction on Wednesday, Thursday & Friday, ENE direction on Saturday and SSW direction on Sunday.

Date	28/2/2018	01/2/2018	02/3/2018	03/3/2018	04/3/2018
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	36	36	37	38	38
Min Temperature (°C)	17	17	18	18	18
Total cloud cover (okta)	0	0	0	1	0
Max Relative Humidity (%)	31	45	44	35	37
Min Relative Humidity (%)	10	9	11	11	11
Wind speed (km/h)	6	6	4	5	4
Wind direction	32	37	38	89	219

**For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116**

**Agromet Advisory**

The SPI values from 25<sup>th</sup> January to 21<sup>st</sup> February, 2018 reveal that mildly dry condition prevailed over Western Central Table Land zone of Odisha. As the weather was dry in the past week which is likely to continue till Sunday with significant decline in relative humidity, it is advisable to irrigate the crops at critical stages.

**Paddy:** The transplanted paddy is at 3 weeks old. Go for top dressing with 16 kg N/acre and drain out excess water before fertilizing. After 48 hours of fertilizer application again keep 5 cm water due to forecast of increased temperature.

**SRI:** Run the cono weeder for controlling the grasses. Due to rise in temperature, irrigate the crop when there appears a thin hair like cracks in the field.

**Cowpea**

**Water management:** Irrigate immediately after sowing followed by life irrigation on the third day. Irrigate at intervals of 7 to 10 days depending upon soil and climatic conditions. Flowering and pod formation stages are critical periods when irrigation is a must. Avoid water stagnation at all stages. Apply KCl at 0.5 per cent as foliar spray during vegetative stage if there is moisture stress.

**Spraying of Fertilizer and Hormone :** Foliar spray of Spray of NAA 40 mg/litre and Salicylic acid 100 mg/litre once at pre-flowering and another at 15 days thereafter should be done. Foliar spray of DAP 20 g/litre or urea 20 g/litre once at flowering and another at 15 days thereafter should be done for better yield.

**Weed management** : Pre emergence application of Pendimethalin 2 litres on 3 days after sowing using Backpack/ Knapsack/Rocker sprayer fitted with flat fan nozzle using 500 l of water for spraying one ha. After this, one hand weeding on 30 days after sowing gives weed free environment throughout the crop period. If herbicides are not applied give two hand weedings on 15 and 30 days after sowing

**Nodal Officer**