



GRAMIN KRISHI MAUSAM SEWA
District Agromet Advisory Service
Western Undulating Zone, Odisha
Regional Research & Technology Transfer Station (RRTTS),
Bhawanipatna, Dist : Kalahandi, Odisha – 766001
(Orissa University of Agriculture & Technology)



WEEK NO.23

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Friday/Dt.07.06.2019

Weather Condition recorded at AMFU Bhawanipatna from 01.06.2019 to 07.06.2019

Weekly Rainfall (mm) and rainy days	64.0 mm
Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2019)	140.3 and 08
Mean weekly maximum temperature (°C)	38.8
Mean weekly minimum temperature (°C)	28.3

Weather Forecasting Up to 12.06.2019 for Kalahandi District:

According to IMD Bhubaneswar moderate rain is expected from 08.06.2019 to 09.06.2019 and no rain with dry weather may prevail from 10.06.2019 to 12.09.2019. Cumulative 26 mm rain is expected during 08.06.2019 to 09.06.2019. Sky may remain over cloudy to partly cloudy during the above five days period. Wind may blow from South-East and South-West direction with speed of 004-015 km/hr. Maximum temperature may vary around 37-39°C and minimum temperature around 24-26°C. Maximum RH expected to vary between 51-70% and minimum RH between 17 – 26%.

DISTRICT	Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KALAHANDI	8/6/2019	11	38	26	8	68	25	4	162
	9/6/2019	15	38	25	8	70	26	8	172
	10/6/2019	0	37	24	7	65	24	9	190
	11/6/2019	0	37	26	7	58	18	11	182
	12/6/2019	0	39	26	5	51	17	15	216

Agro met – Advisory Bulletin for Kalahandi District

Moderate to rather heavy rain was realized last week in the district at most of the places. SPI for the period 09.05.2019 to 05.06.2019 showed mildly wet condition in the district. As extended range rainfall forecast from 07.06.2019 to 20.06.2019 showed below normal condition over the district and moderate rain may occur from 08.06.2019 to 09.06.2019

1. Postpone irrigation as rain was realized and plan for irrigation in sugarcane and vegetable crops observing the forecasted rain.
2. Spray insecticides or pesticides in crops as per requirement in dry days.
3. Carry out harvesting of the matured crops and carry the harvested produce from field to covered threshing floor or safe place.
4. Go for summer ploughing the land taking the advantage of this realized rain.
5. Apply mulches in row crops and around the fruit plants to maintain high moisture status in the soil.
6. Take step for collection of Kharif seeds in time. Keep the inputs ready for sowing.

Kharif planning :

1. Collect the soil samples from crop field and submit for testing at nearest soil testing laboratory. Consult your Asst. Agriculture Officer with soil test report before applying fertilizer to crops.
2. Go for non paddy crops in the un banded upland and take up sowing as soon as monsoon rain occurs to avoid terminal drought.
3. Select short duration varieties like Sahabhazi, Khandagiri, Udaigiri, Kalinga-3, Jyotirmayee, Mandakini etc. for bonded upland and medium duration rice varieties like MTU-1010, Lalat, Konarka, RGL-2538, Chandan, Surendra,

Naveen, MTU-1001, Manaswini, Surendra, Tapaswini, etc. in medium land and medium late duration varieties like Tejaswini, Hiranmayee, Satyakrishna,Pratikshya, Ranidhan, Mrunalini, Pooja, MTU-7029,RGL-2537, Ranjeet etc. in low land.

4. Collect improved and HYV and hybrid non paddy seeds of cotton, Arhar, maize etc. from license holder seed dealer or govt. sale centers.
5. The HYV cotton varieties are Suraj, Supriya, Surabhi and seed rate is 1.4kg/acre. Collect the hybrids like Bunny, Diana, Bhaskra, Namaskara, Tulasi, Sigma, Chiruta, Takat etc @500g/acre. For high density Planting system(HDPS) the seed rate is 5kg/acre and varieties suitable are Suraj and Supriya.
6. Collect the Arhar seeds like Asha, Laxmi, UPAS-120, ICPL-88039 @ 8kg seeds per acre.
7. Collect maize varieties Shakti-1, Navjot etc @6kg/acre and hybrids like Megan-G, Megan, MM- 1107,Highshell, Prabal, Proagro 4643, Bio9681, Pinnacle, DMH-7705 @ 8kg/acre.
8. Go for line sowing of rice followed by early beushaning and weeding. This will avoid the rainfall required for transplanting, and over-aged seedlings, if transplanted late. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable in paddy.

Summer Paddy:

1. Harvesting and threshing is going on.
2. Keep the harvested produce in safe place.

Sugarcane:

1. The crop is at vegetative growth (fifteen to seventeen week) stage in main field. Postpone irrigation and plan to irrigate the crop at ten days interval observing the forecasted rain.
2. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @2ml/lit of water to control the damage.

Animal husbandry:

1. Temperature will be around 38.0 – 41.0 °C. Keep the domestic animals indoor or under shade between 11AM to 4.00PM to protect from high temperature.
2. Provide drinking water and rice bran water to the cattle and other domestic animals sufficiently.
3. Hang gunny bags around the walls of poultry house and sprinkle water on the bags to protect the birds from high temperature

Nodal Officer
GKMS,RRTTS,Bhawanipatna.