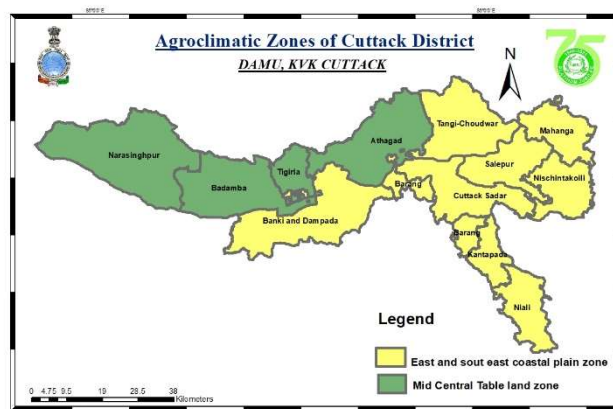


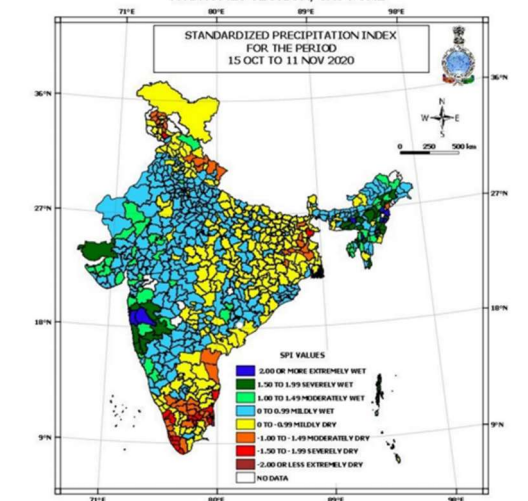
## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP

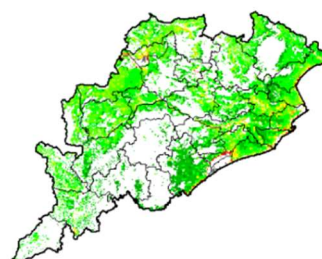
Standardised Precipitation Index  
for the period 15<sup>th</sup> October to 11<sup>th</sup> November 2020

MINISTRY OF EARTH SCIENCES  
INDIA METEOROLOGICAL DEPARTMENT  
HYDROMET SECTION, CRS PUNE



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 45  
(04.11.2020 to 10.11.2020) over Agricultural region

Odisha



Agriculture vigour is good over many places of the state.

Source: <https://www.star.nesdis.noaa.gov>

As per SPI value (cumulative 4weeks -15 October 2020 to 11 November 2020), Mildly wet condition was there in Cuttack district.

According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district.

### LEGEND(Medium range block level rainfall forecast)

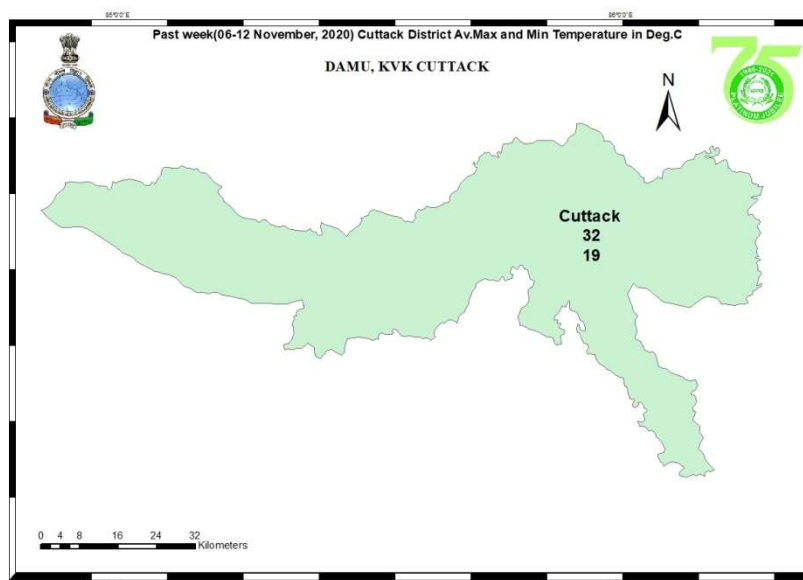
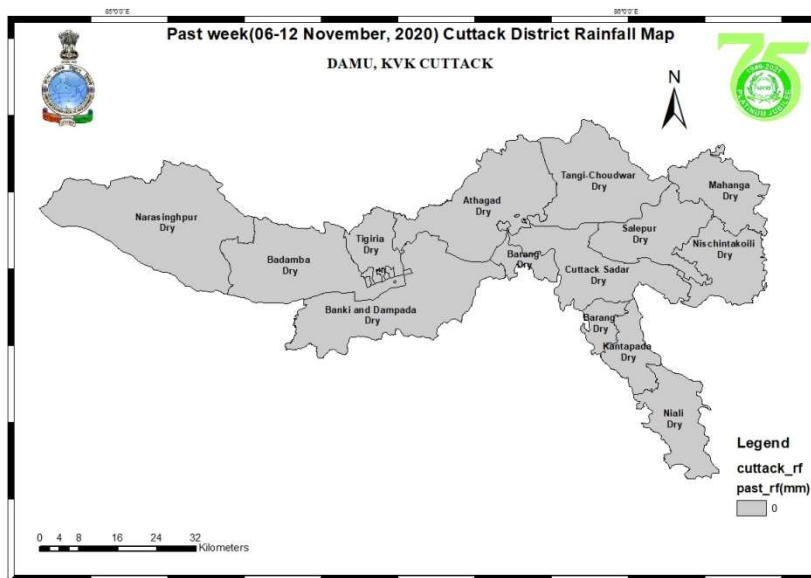
	Very light to light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall



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**Bulletin No.-141**  
**Date- 13/11/2020**



**Extended range outlook for subsequent 1 week (6<sup>th</sup> to 12<sup>th</sup> days)**  
**(18<sup>th</sup> to 24<sup>th</sup> November 2020)**

Met Sub division	Departure (%)	Category
Odisha	-18.95	Normal

Dr Sujata Sethy  
(Nodal officer)















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Debasish Jena  
SMS (Agrometeorology)  
Contact No-9861445080/7008453427

**Weather( Past and Forecasted) based Disease and pest in Major Crops and vegetables**

SI No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Rice	Milky grain stage to harvesting stage	 Rice ear head bug
			 Neck blast
			 False smut
2	Sugarcane	Grand growth stage to ripening	 Ring spot
			 Top borer
			 Wooly Aphid
			 Scale insect
			 White fly
			 Mealy bug
3	Fruit ( Papaya)	Flowering stage to fruit formation stage	 Foot rot
	Banana	Flowering stage to fruit formation stage	 Sigatoka disease
	Cashew	Vegetative stage	 Tea mosquito bug



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDMI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 33-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-74% and 35-41% respectively. There will be mainly clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	33	33	33	33	34
T-Min (°C)	19	18	18	18	18
Cloud Cover (octa)	0	0	1	0	1
RH Max (%)	67	73	69	68	74
RH Min (%)	36	41	39	35	36
Wind Speed (kmph)	8	8	7	6	4
Wind Direction (deg)	64	30	90	75	158

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-74% and 35-41% respectively. There will be mainly clear for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	33	34
T-Min (°C)	19	18	18	18	18
Cloud Cover (octa)	0	0	1	0	1
RH Max (%)	64	74	68	68	70
RH Min (%)	37	41	39	35	37
Wind Speed (Kmph)	7	7	7	6	4
Wind Direction (deg)	338	23	90	75	180

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FORBANKI**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDTV map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 33-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-74% and 35-41% respectively. There will be mainly clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	66	74	68	69	72
RH Min (%)	37	41	39	35	36
Wind Speed (Kmph)	8	8	7	6	4
Wind Direction (deg)	64	23	90	75	165

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
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- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week weather condition**

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather Advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 33-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-73% and 35-41% respectively. There will be mainly clear sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	66	73	68	69	73
RH Min (%)	37	41	39	35	36
Wind Speed (Kmph)	8	8	7	6	4
Wind Direction (deg)	64	30	90	75	165

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

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**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDMI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-76% and 35-42% respectively. There will be mainly clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover	0	0	1	0	1
RH Max (%)	67	70	67	67	76
RH Min (%)	38	42	40	35	36
Wind Speed (Kmph)	10	11	9	7	5
Wind Direction (deg)	34	45	23	75	135

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**  
**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDMI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-75% and 34-41% respectively. There will be mainly clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	68	70	68	67	75
RH Min (%)	37	41	39	34	36
Wind Speed (Kmph)	10	11	9	7	4
Wind Direction (deg)	34	45	23	75	161

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**Sugarcane:**

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm × 45cm and Cauliflower should be transplanted at spacing of 60cm × 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O. During transplanting 12.5 kg N, 20 kg P<sub>2</sub>O<sub>5</sub> and 15 kg K<sub>2</sub>O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits: Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:** Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDTV map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-78% and 35-42% respectively. There will be mainly clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	67	70	66	65	78
RH Min (%)	40	42	40	35	37
Wind Speed (Kmph)	11	12	10	8	5
Wind Direction (deg)	34	45	60	90	135

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**Sugarcane:**

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm × 45cm and Cauliflower should be transplanted at spacing of 60cm × 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O. During transplanting 12.5 kg N, 20 kg P<sub>2</sub>O<sub>5</sub> and 15 kg K<sub>2</sub>O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits: Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:** Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

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**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDTV map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-74% and 35-42% respectively. There will be mainly clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octal)	0	0	1	0	1
RH Max (%)	68	68	65	63	74
RH Min (%)	38	42	39	35	36
Wind Speed (Kmph)	11	13	10	8	5
Wind Direction (deg)	26	45	60	75	162

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**Sugarcane:**

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm × 45cm and Cauliflower should be transplanted at spacing of 60cm × 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O. During transplanting 12.5 kg N, 20 kg P<sub>2</sub>O<sub>5</sub> and 15 kg K<sub>2</sub>O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits: Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:** Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**  
**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020), the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-75% and 36-41% respectively. There will be mainly clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	62	75	69	67	70
RH Min (%)	36	41	38	36	36
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction (deg)	333	90	75	105	198

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**KRISHI VIGYAN KENDRA CUTTACK**  
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Bulletin No.-141  
Date- 13/11/2020

**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-80% and 36-42% respectively. There will be mainly clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	68	69	66	66	80
RH Min (%)	41	42	40	36	37
Wind Speed(Kmph)	11	13	11	8	6
Wind Direction(deg)	26	45	45	90	75

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**Sugarcane:**

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P:K. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits: Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:** Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-141**  
**Date- 13/11/2020**

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**  
**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-75% and 36-42% respectively. There will be mainly clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	68	68	65	63	75
RH Min (%)	39	42	40	36	36
Wind Speed (Kmph)	11	13	10	8	5
Wind Direction (deg)	27	45	60	75	158

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**Sugarcane:**

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O. During transplanting 12.5 kg N, 20 kg P<sub>2</sub>O<sub>5</sub> and 15 kg K<sub>2</sub>O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits: Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:** Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr Sujata Sethy**  
**(Nodal officer)**



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Bulletin No.-141  
Date- 13/11/2020

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 32-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-75% and 36-42% respectively. There will be mainly clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	68	68	66	64	75
RH Min (%)	39	42	40	36	36
Wind Speed (Kmph)	11	13	10	8	5
Wind Direction (deg)	32	45	60	75	162

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-141  
Date- 13/11/2020

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 31-32°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-79% and 40-46% respectively. There will be mainly clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	32	32
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	69	66	67	61	79
RH Min (%)	45	46	45	40	41
Wind Speed (Kmph)	14	16	13	9	8
Wind Direction (deg)	27	27	34	68	135

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny day's. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x45cm and Cauliflower should be transplanted at spacing of 60cmx45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-141  
Date- 13/11/2020

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 19°C, respectively. Mean relative humidity of the district was around 71-65%. **According to NDVI map (04.11.2020 to 10.11.2020) the agriculture vigor was light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-15 October 2020 to 11 November 2020), moderately wet condition was there.**

**Forecasted period: 14<sup>th</sup> November 2020 to 18<sup>th</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days (Today to Tuesday) in the block. The day temperature will be 33-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-74% and 35-41% respectively. There will be mainly clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/11/2020	15/11/2020	16/11/2020	17/11/2020	18/11/2020
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	33	33	33	33	34
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	0	0	1	0	1
RH Max (%)	66	74	69	68	73
RH Min (%)	37	41	39	35	37
Wind Speed (Kmph)	8	7	7	6	4
Wind Direction (deg)	68	23	90	75	158

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Don't Irrigate the rice field when crop is at maturity stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time as below normal rainfall likely to occur in Odisha in upcoming week. Go for sowing black gram and green gram in upland rice fallow condition by utilizing residual soil moisture.

**Kharif Rice:**

- If rice is at maturity stage, don't irrigate the field which may otherwise lead to lodging.
- Since the weather is expected to remain dry harvest the plants when 80-85% of the grains have matured and the plant looks pale yellow in color.
- After harvesting rice should be dried in the field for 2-3 days and thereafter threshing should be done.
- Rice should be stored at a moisture level of 12%.
- Pyra cropping of green gram, black gram, peas etc. 15 days before harvesting paddy can be done.
- For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**PULSES:**

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

**Mustard:** Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal.

**VEGETABLES: Cabbage & Cauliflower:** The seedlings of cabbage are two to four week stage in nursery. Prepare the main field to transplant four week seedling. The seedlings are at establishment stage in main field. Cabbage should be transplanted at spacing of 45cm x 45cm and Cauliflower should be transplanted at spacing of 60cm x 45cm. Fertilizer dose for both is 50:20:30kg/acre N:P2O5 :K2O. During transplanting 12.5 kg N, 20 kg P2O5 and 15 kg K2O should be applied. Taking into account the available fertilizer in market apply 43kg DAP, 10kg Urea and 25kg MOP before transplanting.

**Fruits:**

**Banana:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot** disease. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. **Papaya:** Present weather conditions are favourable for the incidence of **foot rot** in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L. **Cashewnut:** Present weather conditions are favourable for the incidence of **tea mosquito bug**. To control go for spraying of Imidacloprid @ 5 ml in 10 litres of water at the time of sprouting. At the time of flowering, go for spraying of lambda cyhalothrin @ 0.6ml/l of water.

**Animal husbandry:**

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

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