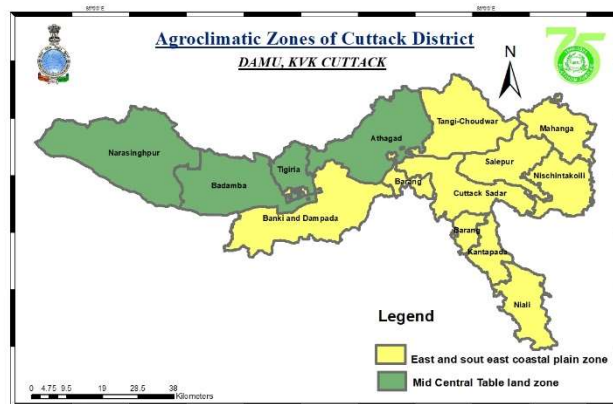
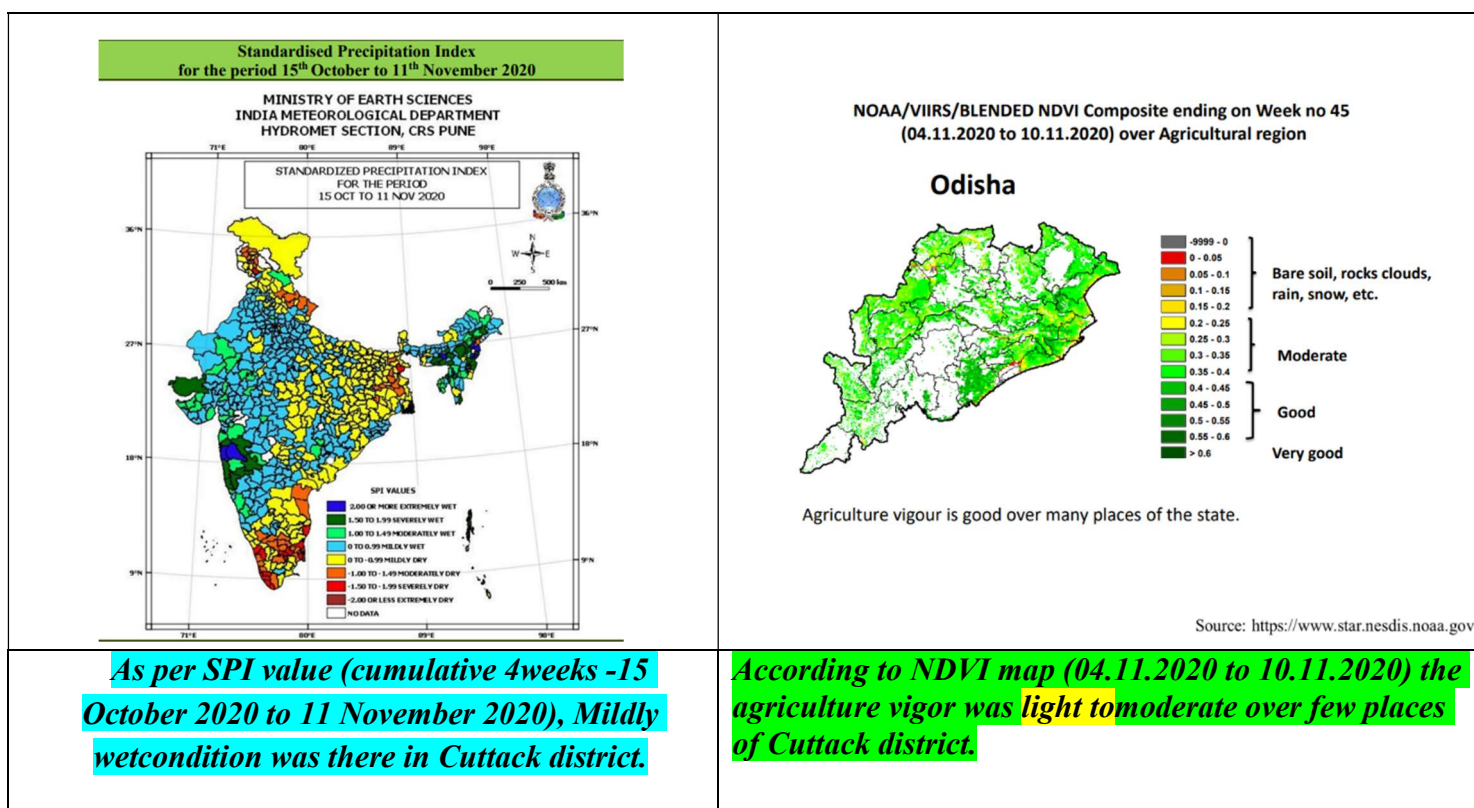


## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



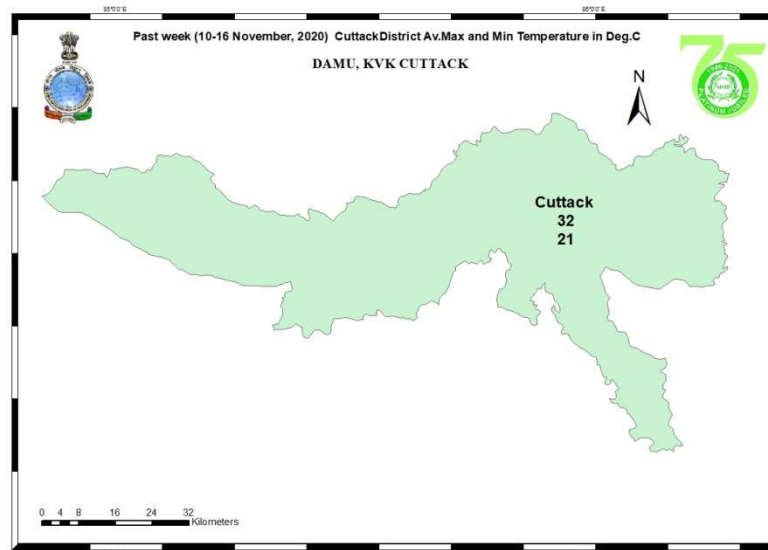
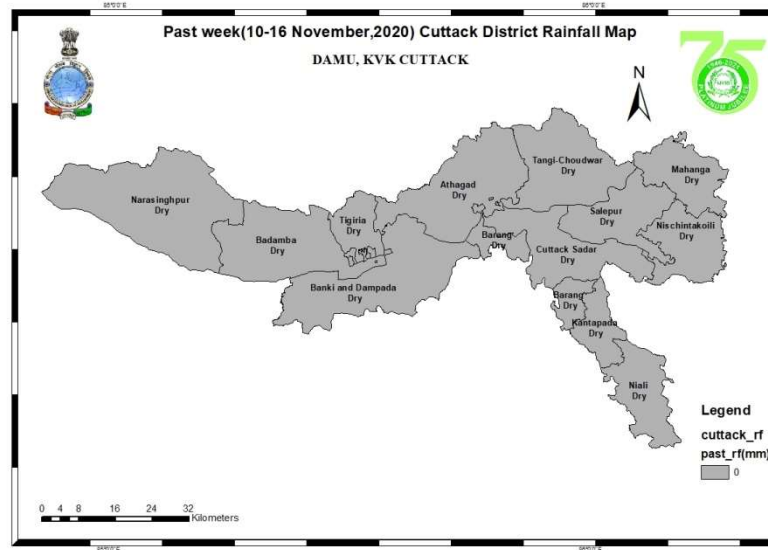
<b>LEGEND(Medium range block level rainfall forecast)</b>	
	Very light to light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com



**Bulletin No.-142**  
**Date- 17/11/2020**



**Extended range outlook for subsequent 1 week (6<sup>th</sup> to 12<sup>th</sup> days)**  
**(22<sup>nd</sup> to 28<sup>th</sup> November 2020)**

Met Sub division	Departure (%)	Category
Odisha	-51.50	<b>Below Normal</b>

**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	Milkygrain stage to harvesting stage	 Rice ear head bug
			 Neck blast
			 False smut
2	Sugarcane	Grand growth stage to ripening	 Ring spot
			 Top borer
			 Woolly 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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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 37-44% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall (mm)	0	0	0	0	3
T-Max (°C)	34	33	33	34	33
T-Min (°C)	21	20	20	21	21
Cloud Cover (octa)	0	3	2	6	5
RH Max (%)	85	89	88	81	89
RH Min (%)	37	44	43	43	44
Wind Speed (kmph)	5	7	6	4	6
Wind Direction (deg)	154	160	207	158	105

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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





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**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 20°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 39-43% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	33
T-Min(°C)	20	20	20	20	20
Cloud Cover(octa)	0	4	2	6	5
RH Max (%)	82	83	87	75	89
RH Min (%)	39	43	41	42	42
Wind Speed (Kmph)	5	7	6	3	5
Wind Direction (deg)	158	162	207	203	68

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as pair crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 38-43% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	33
T-Min(°C)	20	21	20	21	21
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	84	85	87	79	88
RH Min (%)	38	43	42	42	42
Wind Speed (Kmph)	5	7	7	4	6
Wind Direction (deg)	150	159	207	240	90

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather Advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 38-43% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	33
T-Min(°C)	20	21	20	21	21
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	84	85	87	79	88
RH Min (%)	38	43	43	43	43
Wind Speed (Kmph)	5	7	7	5	6
Wind Direction (deg)	150	158	207	244	90

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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





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**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 37-48% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	33
T-Min(°C)	22	22	21	22	22
Cloud Cover	0	3	2	6	5
RH Max (%)	85	89	90	84	88
RH Min (%)	37	43	48	46	48
Wind Speed (Kmph)	5	7	8	5	7
Wind Direction (deg)	180	160	203	203	105

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 37-47% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	34	33	33	34	33
T-Min(°C)	22	21	21	22	22
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	84	89	89	84	88
RH Min (%)	37	43	46	44	47
Wind Speed (Kmph)	5	6	7	4	6
Wind Direction (deg)	158	160	203	161	105

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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: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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 39-49% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	33
T-Min(°C)	23	23	23	23	23
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	86	88	90	84	87
RH Min (%)	39	44	49	46	48
Wind Speed (Kmph)	5	6	8	6	7
Wind Direction (deg)	15	163	207	203	68

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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: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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

**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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**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 32-34°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 38-49% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	33	32
T-Min(°C)	22	22	22	23	22
Cloud Cover(octal)	0	3	2	6	5
RH Max (%)	84	86	87	86	83
RH Min (%)	38	42	49	45	49
Wind Speed (Kmph)	6	6	7	5	7
Wind Direction (deg)	15	165	234	203	108

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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: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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-90% and 40-42% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	1
T-Max(°C)	34	33	33	34	34
T-Min(°C)	19	19	19	19	20
Cloud Cover(/octa)	0	4	3	5	5
RH Max (%)	79	82	89	71	90
RH Min (%)	40	42	41	41	41
Wind Speed (Kmph)	4	6	5	3	4
Wind Direction (deg)	153	160	195	300	30

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

Email: kvkcuttack@gmail.com



Bulletin No.-142  
Date- 17/11/2020

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. 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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 32-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-89% and 41-50% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	32	32	33	33
T-Min(°C)	23	23	23	24	23
Cloud Cover(octa)	0	3	2	6	4
RH Max (%)	86	86	89	83	85
RH Min (%)	41	44	50	47	48
Wind Speed(Kmph)	6	7	8	7	7
Wind Direction(deg)	158	158	203	203	45

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paddy crop fifteen days prior to harvest of paddy in low land.

**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: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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 32-34°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 39-49% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	32
T-Min(°C)	22	22	22	23	22
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	85	87	88	85	83
RH Min (%)	39	43	49	46	48
Wind Speed (Kmph)	6	6	8	5	7
Wind Direction (deg)	15	161	234	203	108

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as pair crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 32-34°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 38-49% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	33	33	34	32
T-Min(°C)	22	22	22	23	22
Cloud Cover(octa)	0	3	2	6	5
RH Max (%)	85	87	89	85	84
RH Min (%)	38	43	49	46	48
Wind Speed (Kmph)	6	6	7	5	7
Wind Direction (deg)	15	165	214	203	108

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptomycin 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 31-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 45-54% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	33	31	31	32	31
T-Min(°C)	23	23	24	24	24
Cloud Cover(octa)	0	3	3	5	2
RH Max (%)	86	83	84	81	77
RH Min (%)	45	50	54	51	54
Wind Speed (Kmph)	8	8	9	8	8
Wind Direction (deg)	113	146	203	169	27

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as pair crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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



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**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Email: kvkcuttack@gmail.com**



**Bulletin No.-142**  
**Date- 17/11/2020**

**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 21°C, respectively. Mean relative humidity of the district was around 71-62%. **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: 18<sup>th</sup> November 2020 to 22<sup>nd</sup> November 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 4 days (Today to Friday) and very light rainfall is forecasted for Saturday in the block. The day temperature will be 33-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 38-44% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2020	19/11/2020	20/11/2020	21/11/2020	22/11/2020
Rainfall(mm)	0	0	0	0	3
00T-Max(°C)	34	33	33	34	33
T-Min(°C)	20	20	20	21	21
Cloud Cover(octa)	0	4	2	6	5
RH Max (%)	84	87	88	79	89
RH Min (%)	38	44	42	43	43
Wind Speed (Kmph)	5	7	6	3	6
Wind Direction (deg)	144	158	203	150	90

**Agromet Advisory**

**General Advisory:** No rainfall and dry weather expected during next four days and also below normal rainfall is forecasted for subsequent week. So, go for irrigation in crop fields as per requirement. Complete nursery sowing for winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram as paira crop fifteen days prior to harvest of paddy in low land.

**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.

**Onion:** 1. The onion seedlings in nursery are two to five week stage. Complete nursery preparation for sowing onion and sowing seeds in nursery. 2. Drench the seed bed with streptomycin 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off disease.

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