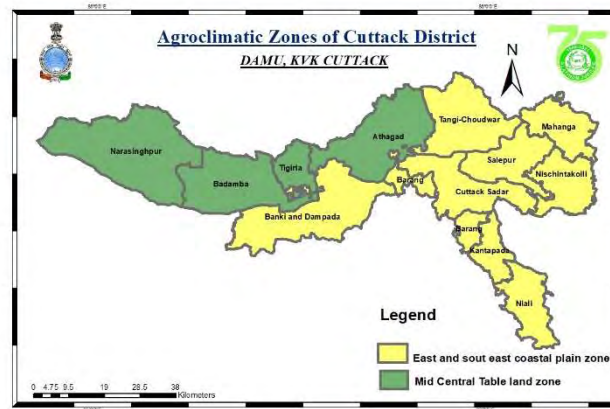


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP

<p align="center">Standardised Precipitation Index for the period 1st October to 28th October 2020</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 43 (21.10.2020 to 27.10.2020) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good over few places of the state.</p> <p align="right">Source: https://www.star.nesdis.noaa.gov</p>
<p>As per SPI value (cumulative 4weeks -01 October 2020 to 28 October 2020), Moderately wet condition was there in Cuttack district.</p>	<p>According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was light to moderate over few places of Cuttack district.</p>

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

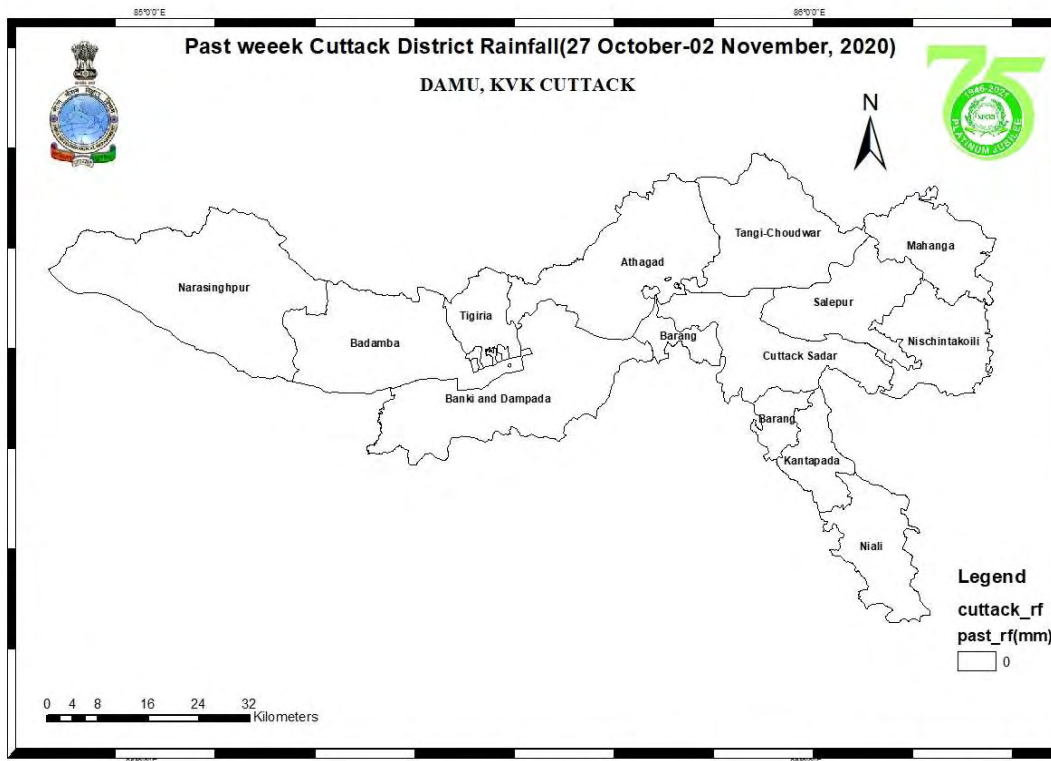




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Bulletin No.-138
Date- 03/11/2020



Withdrawal of south west Monsoon was happened from entire Odisha on the 28th October 2020

Dr Sujata Sethy
 (Nodal officer)















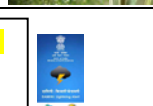


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Weather(Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Rice	Panicle initiation to Flowering stage	 Leaf folder
			 BPH
			 Gundhi bug
			 False smut
			 Sheath Blight
			 Bacterial leaf streak
2	Sugarcane	Grand growth stage to cane development stag	 Ring spot
			 Top borer
			 Woolly Aphid
			 Scale insect
			 White fly
			 Mealy bug
3	Vegetables(Brinjal and okra)	Vegetative to fruiting	 Fruit and shoot borer
	Okra		 YMV
	Chilli , Cowpea		 Thrips in Chilli and Aphids in Cowpea





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Bulletin No.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 16-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-75% and 37-48% respectively. There will be mainly clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	33	32	32	32	32
T-Min (°C)	21	20	19	19	16
Cloud Cover (octa)	0	1	0	0	0
RH Max (%)	75	59	61	73	61
RH Min (%)	48	38	38	37	38
Wind Speed (kmph)	6	6	6	4	7
Wind Direction (deg)	68	75	79	18	342

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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 polythine in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-78% and 37-49% respectively. There will be mainly clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	33	32
T-Min(°C)	20	19	18	19	16
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	78	66	66	73	61
RH Min (%)	49	40	38	37	38
Wind Speed (Kmph)	5	5	5	4	7
Wind Direction (deg)	360	23	338	15	342

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

AGROMET ADVISORY BULLETIN FOR BANKI

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 16-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-77% and 36-49% respectively. There will be mainly clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	33	32
T-Min(°C)	21	19	18	19	16
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	77	61	62	73	62
RH Min (%)	49	39	37	36	38
Wind Speed (Kmph)	6	6	6	5	7
Wind Direction (deg)	360	75	79	15	360

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

Maize

The grain can be harvested in upcoming sunny days when cob-sheath turns brownish, grains become hard and they do not contain more than 30- percent moisture in them.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb @300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather Advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 16-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-76% and 36-50% respectively. There will be mainly clear sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	33	32
T-Min(°C)	21	19	19	19	16
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	76	60	62	72	62
RH Min (%)	50	39	37	36	38
Wind Speed (Kmph)	6	6	6	5	7
Wind Direction (deg)	23	75	71	18	360

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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 polythine in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

Maize

The grain can be harvested in upcoming sunny days when cob-sheath turns brownish, grains become hard and they do not contain more than 30- percent moisture in them.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-70% and 37-51% respectively. There will be mainly clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	32
T-Min(°C)	21	20	19	20	17
Cloud Cover	0	2	0	0	0
RH Max (%)	69	56	59	70	62
RH Min (%)	51	40	37	38	39
Wind Speed (Kmph)	9	8	8	6	8
Wind Direction (deg)	45	23	64	15	11

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

Maize

The grain can be harvested in upcoming sunny days when cob-sheath turns brownish, grains become hard and they do not contain more than 30- percent moisture in them.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-69% and 37-49% respectively. There will be mainly clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	32
T-Min(°C)	21	20	20	20	17
Cloud Cover(octa)	0	2	0	0	0
RH Max (%)	69	56	57	69	61
RH Min (%)	49	39	37	38	38
Wind Speed (Kmph)	8	7	7	5	7
Wind Direction (deg)	45	75	68	15	351

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 31-33°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-71% and 38-54% respectively. There will be mainly clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	31
T-Min(°C)	21	21	20	20	17
Cloud Cover(octa)	1	3	0	0	0
RH Max (%)	70	58	60	71	61
RH Min (%)	54	41	38	38	40
Wind Speed (Kmph)	10	9	8	8	8
Wind Direction (deg)	45	60	60	15	360

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 31-32°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-67% and 37-49% respectively. There will be mainly clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	32	31
T-Min(°C)	21	20	20	20	17
Cloud Cover(octal)	0	2	0	0	0
RH Max (%)	66	56	56	67	59
RH Min (%)	49	39	37	39	37
Wind Speed (Kmph)	9	8	8	7	8
Wind Direction (deg)	56	23	60	18	345

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. **According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.**

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-34°C and night temperature will be 15-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-79% and 36-46% respectively. There will be mainly clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	34	32
T-Min(°C)	20	19	18	18	15
Cloud Cover(/octa)	0	0	0	0	0
RH Max (%)	79	74	72	73	60
RH Min (%)	46	42	38	36	37
Wind Speed (Kmph)	4	4	4	3	6
Wind Direction (deg)	345	23	116	349	347

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. *According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.*

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 31-32°C and night temperature will be 17-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-72% and 38-55% respectively. There will be mainly clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	22	21	20	20	17
Cloud Cover(octa)	2	4	0	0	0
RH Max (%)	72	59	61	70	61
RH Min (%)	55	42	39	38	41
Wind Speed(Kmph)	11	10	9	9	9
Wind Direction(deg)	45	45	60	15	23

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. *According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.*

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 31-32°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-67% and 37-51% respectively. There will be mainly clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	21	20	20	17
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	67	56	57	65	60
RH Min (%)	51	40	37	40	38
Wind Speed (Kmph)	10	8	8	8	8
Wind Direction (deg)	45	23	60	18	360

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. *According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.*

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 31-32°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-67% and 37-51% respectively. There will be mainly clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	21	20	20	17
Cloud Cover(octa)	0	2	0	0	0
RH Max (%)	67	56	57	66	60
RH Min (%)	51	40	37	39	38
Wind Speed (Kmph)	10	8	8	7	8
Wind Direction (deg)	45	23	60	15	345

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

Maize

The grain can be harvested in upcoming sunny days when cob-sheath turns brownish, grains become hard and they do not contain more than 30- percent moisture in them.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 30-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-70% and 43-54% respectively. There will be mainly clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	31	30
T-Min(°C)	24	22	22	21	20
Cloud Cover(octa)	4	4	0	0	0
RH Max (%)	70	61	59	66	58
RH Min (%)	54	48	45	47	43
Wind Speed (Kmph)	13	12	11	11	14
Wind Direction (deg)	45	45	65	45	19

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

Maize

The grain can be harvested in upcoming sunny days when cob-sheath turns brownish, grains become hard and they do not contain more than 30- percent moisture in them.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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.-138
Date- 03/11/2020

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 33°C and 21°C, respectively. Mean relative humidity of the district was around 69-66%. *According to NDVI map (21.10.2020 to 27.10.2020) the agriculture vigor was moderate to light to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-1 October 2020 to 28 October 2020), moderately wet condition was there.*

Forecasted period: 04th November 2020 to 08th November 2020

Weather advisory: No rainfall is forecasted for upcoming 5 days (Today to Saturday) in the block. The day temperature will be 32-33°C and night temperature will be 16-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-77% and 37-48% respectively. There will be mainly clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/11/2020	05/11/2020	06/11/2020	07/11/2020	08/11/2020
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	33	32	32	32	32
T-Min(°C)	21	19	18	19	16
Cloud Cover(octa)	0	1	0	0	0
RH Max (%)	77	62	64	74	61
RH Min (%)	48	39	38	37	38
Wind Speed (Kmph)	6	5	5	4	7
Wind Direction (deg)	90	108	338	15	342

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling 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. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

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:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres 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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