



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

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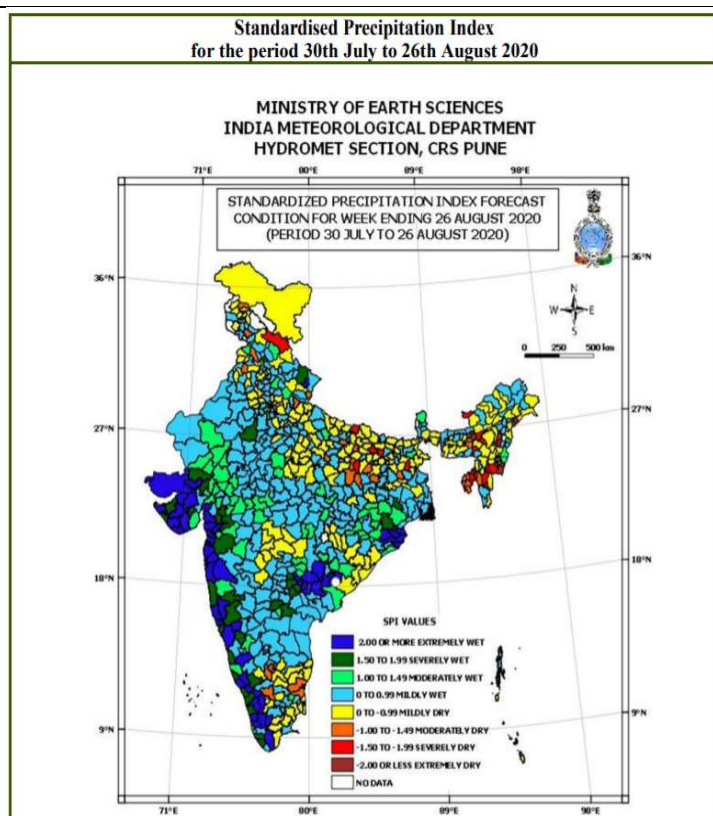


Bulletin No-119
Date-28.08.2020

AGROCLIMATIC ZONE OF CUTTACK DISTRICT:

1. *East & South East coastal plain zone (Blocks: Banki, Banki-Dampara, Baranga, Cuttack sadar, Salepur, Nischintakoilli, Niali, Kantapada, Mahanga, Tangi-choudwar)*
2. *Mid central table land zone (Blocks: Narsinghpur, Badamba, Tigiria, Athagad)*

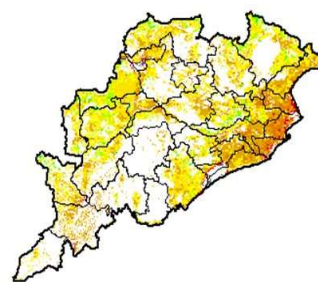
STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4 weeks -30 July 2020 to 26 August 2020), extremely wet condition was there in Cuttack district.

NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 34
(19.08.2020 to 25.08.2020) over Agricultural region

Odisha



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

According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Taangi block in Cuttack district.

Mrs. Sujata Sethy
(Nodal officer)



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APP for Lightening alert in your area



Debasish Jena
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Bulletin No-119
Date-28.08.2020

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 130 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will 31-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-91% and 48-66% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e. +4% departure from normal.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall (mm)	1	2	1	1	19
T-Max (°C)	33	34	34	34	31
T-Min (°C)	24	25	26	26	24
Cloud Cover (octa)	2	5	7	8	8
RH Max (%)	88	84	79	79	91
RH Min (%)	54	50	48	52	66
Wind Speed (kmph)	13	10	8	7	10
Wind Direction (deg)	201	210	290	283	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is stem borer infestation spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. 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 swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Maize: Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazim+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre .Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. If infestation of blight and sucking pest in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

- Due to rain and high humid condition during last week, wilting is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will 31-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-91% and 49-65% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	2	1	1	1	20
T-Max(°C)	33	34	34	34	31
T-Min(°C)	23	24	25	25	24
Cloud Cover(octa)	1	5	6	8	8
RH Max (%)	89	84	80	81	91
RH Min (%)	54	52	49	52	65
Wind Speed (Kmph)	11	10	7	7	8
Wind Direction (deg)	203	248	290	270	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell

Kharif Rice:

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is stem borer infestation spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. 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 swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazime+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre .Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES:

- Due to rain and high humid condition during last week, wilting is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 172 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 32-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-91% and 47-63% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	2	1	1	1	19
T-Max(°C)	33	34	35	34	32
T-Min(°C)	23	24	25	25	24
Cloud Cover(octa)	2	5	6	8	8
RH Max (%)	88	83	79	79	91
RH Min (%)	52	50	47	51	63
Wind Speed (Kmph)	13	11	8	7	10
Wind Direction (deg)	206	248	290	270	205

Agromet Advisory

General Adviosry: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre .Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

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Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	2	1	1	1	20
T-Max(°C)	33	34	35	34	32
T-Min(°C)	23	25	25	25	24
Cloud Cover(octa)	1	5	7	8	8
RH Max (%)	88	83	79	79	91
RH Min (%)	52	49	47	51	64
Wind Speed (Kmph)	14	11	8	7	10
Wind Direction (deg)	206	210	290	270	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

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VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

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Date-28.08.2020

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 57 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-91% and 48-65% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	4	14
T-Max(°C)	33	34	34	34	31
T-Min(°C)	25	25	26	26	25
Cloud Cover	2	5	7	8	8
RH Max (%)	86	84	79	80	91
RH Min (%)	52	48	48	51	65
Wind Speed (Kmph)	16	12	9	8	11
Wind Direction (deg)	203	208	270	257	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominex Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre . Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No-119
Date-28.08.2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 99 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-90% and 47-67% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	2	14
T-Max(°C)	33	34	34	34	31
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	2	6	7	8	8
RH Max (%)	87	84	79	79	90
RH Min (%)	52	49	47	52	67
Wind Speed (Kmph)	15	11	10	8	11
Wind Direction (deg)	203	210	285	257	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop as there was heavy rainfall in last week.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is stem borer infestation spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. 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 swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

Groundnut: There is possibility of leaf spot disease attack, to control spray Carbendazime+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of blight and sucking pest in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and wilting is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- Downy Mildew, vine rot, leaf spot and blight disease in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No-119
 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 231mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. **According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district.** **Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.**

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: **Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block.** The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-90% and 48-63% respectively. There will be clear to partly cloudy sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	3	14
T-Max(°C)	32	34	34	33	31
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	3	5	7	8	8
RH Max (%)	84	84	79	79	90
RH Min (%)	52	48	49	50	63
Wind Speed (Kmph)	18	14	9	8	11
Wind Direction (deg)	203	205	225	236	205

Agromet Advisory

General Adviosry: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days After Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

Jute: Excess water in the field decreases the quality of jute. Hence, drain excess water from the field. To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lamba cyhalothrin 4.9CS.

VEGETABLES:

Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No-119
 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 148 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 47-65% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e. +4% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	5	12
T-Max(°C)	33	34	34	34	31
T-Min(°C)	25	25	26	27	25
Cloud Cover(octal)	2	6	7	8	8
RH Max (%)	86	85	80	80	88
RH Min (%)	51	48	47	51	65
Wind Speed (Kmph)	18	12	11	9	13
Wind Direction (deg)	204	207	270	248	205

Agromet Advisory

General Adviosry: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

Jute: Excess water in the field decreases the quality of jute. Hence, drain excess water from the field. To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lamba cyhalothrin 4.9CS.

VEGETABLES:

Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources. 3. Cultivate short term fodders. 5. Drying of harvested crop material and storage should be done for use as fodder. 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
 (Nodal officer)



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 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 117mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-92% and 50-69% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	2	1	1	5	22
T-Max(°C)	32	33	34	33	31
T-Min(°C)	23	23	25	25	24
Cloud Cover(/octa)	1	5	6	8	8
RH Max (%)	90	86	82	85	92
RH Min (%)	54	53	50	55	69
Wind Speed (Kmph)	7	7	6	6	6
Wind Direction (deg)	225	180	287	283	203

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice:

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is stem borer infestation spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. 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 swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Maize: Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre .Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of blight and sucking pest in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and wilting is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
 (Nodal officer)



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



Bulletin No-119
Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 158 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-90% and 49-61% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	2	18
T-Max(°C)	32	33	34	33	32
T-Min(°C)	26	25	26	26	25
Cloud Cover(octa)	3	5	7	8	8
RH Max (%)	83	83	79	78	90
RH Min (%)	53	50	49	49	61
Wind Speed(Kmph)	20	15	10	9	11
Wind Direction(deg)	203	205	210	236	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

Groundnut: There is possibility of leaf spot disease attack, to control spray Carbendazim+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thirar @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No-119
 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 209 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. **According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district.** Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), **Extremely wet condition was there.**

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: **Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block.** The day temperature will 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 48-65% respectively. There will be clear to partly cloudy sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	5	12
T-Max(°C)	33	34	34	34	31
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	2	6	7	8	8
RH Max (%)	85	85	80	80	89
RH Min (%)	51	48	49	51	65
Wind Speed (Kmph)	18	13	10	8	13
Wind Direction (deg)	203	208	225	244	208

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

Jute: Excess water in the field decreases the quality of jute. Hence, drain excess water from the field. To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thirar @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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 (Nodal officer)



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Bulletin No-119
 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 154 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 48-66% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e. +4% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	1	1	5	12
T-Max(°C)	33	34	34	34	31
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	2	6	7	8	8
RH Max (%)	86	85	80	81	89
RH Min (%)	51	48	48	51	66
Wind Speed (Kmph)	17	12	10	8	12
Wind Direction (deg)	203	208	214	251	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying.

Jute: Excess water in the field decreases the quality of jute. Hence, drain excess water from the field. To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thirar @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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 Date-28.08.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will 33-35°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 54-62% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e +4% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	1	2	5	7	14
T-Max(°C)	33	34	35	35	33
T-Min(°C)	28	28	29	29	27
Cloud Cover(octa)	2	6	7	8	8
RH Max (%)	84	85	85	80	87
RH Min (%)	61	60	54	55	62
Wind Speed (Kmph)	22	18	13	12	15
Wind Direction (deg)	203	205	242	225	214

Agromet Advisory

General Adviosry: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice: The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. 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 **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thirar @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 76 mm and district received 137 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Relative humidity of the district was around 91-85%. According to NDVI map (19.08.2020 to 25.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada, Tangi block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 30 July 2020 to 26 August 2020), Extremely wet condition was there.

Forecasted period: 29th August 2020 to 02nd September 2020

Weather advisory: Very light to light rainfall is forecasted for first 4 days and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-91% and 49-66% respectively. There will be clear to partly cloudy sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (02nd September- 08th September) i.e. +4% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2020	30/08/2020	31/08/2020	01/09/2020	02/09/2020
Rainfall(mm)	2	3	1	1	19
T-Max(°C)	33	34	34	34	31
T-Min(°C)	23	24	25	25	24
Cloud Cover(octa)	2	5	7	8	8
RH Max (%)	89	84	80	80	91
RH Min (%)	55	51	49	53	66
Wind Speed (Kmph)	12	10	8	7	9
Wind Direction (deg)	203	248	290	283	205

Agromet Advisory

General Advisory: Drain out excess water in standing rice crop.

- Avoid spraying and fertilization, irrigation activity in rainy days.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Go for planting of vegetables immediately after rain for better utilization of rain water.

Kharif Rice:

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre) by mixing with nimen @ 1ml/kg urea. To control infestation of broadleaf and sedge weeds, apply Chlorimuron ethyl + Metsulfuron methyl (Almix) 20g a.i./ha at 25 -30 DAS (Days After Sowing). Apply Bis pyribac sodium (Nominee Gold) @ 100ml/ acre in 300 litres of water to control all categories of weeds (Almix) 20g a.i./ha at 25-30 DAS (Days after Sowing). If there is stem borer infestation spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. 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 swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear

Maize Do not keep the stagnant water. Provide drainage facility. For better return sow the Baby corn. At 21 DAS, apply 16kg N /Ac and earthing up at knee height. Due to climate there may be Aphids and Thrips attack, then apply Dimethoate 30EC @ 400ml/Acre .. Helicoverpa infestation has been found in Maize, Spray 100 L.E. NPV during morning and evening. Maize crop has been infested with stem borer, Apply 1 g Furadan in the leaf whorl. Otherwise spray 2 ml. chloropyrifos or 1.5 ml phosphamidon in 1 litre water. Again repeat the spraying once again after 15 days of first spraying. **Groundnut:** There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present weather condition there is aphid infestation in groundnut. To control spray Imidacloprid @ 1 ml / 4 litre of water. White ant and white grub attack has been found. Through soil drenching with Chloropyrifos solution @ 2ml/litre water. Bud necrosis has been found. Spray 2 ml. Endosulphan / litre. Infestation of leaf minor, leaf webber has been occurred. Spray 2 ml Endosulphan in 1 litre water.

VEGETABLES: Drain out excess water from the field. Due to rain and high humidity in last week, infestation of blight and sucking pest in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest and wilting is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thirar @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

ANIMAL HUSBANDRY: In partial flooded areas, following practices are to be adopted after recede of water. 1. Cleaning and disinfection of the sheds are to be carried out. 2. Bleach drinking water or water sources 3. Cultivate short term fodders 5. Drying of harvested crop material and storage should be done for use as fodder 6. Keep close surveillance on disease outbreak.

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 (Nodal officer)



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