



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

E-mail: kvkcuttack@gmail.com

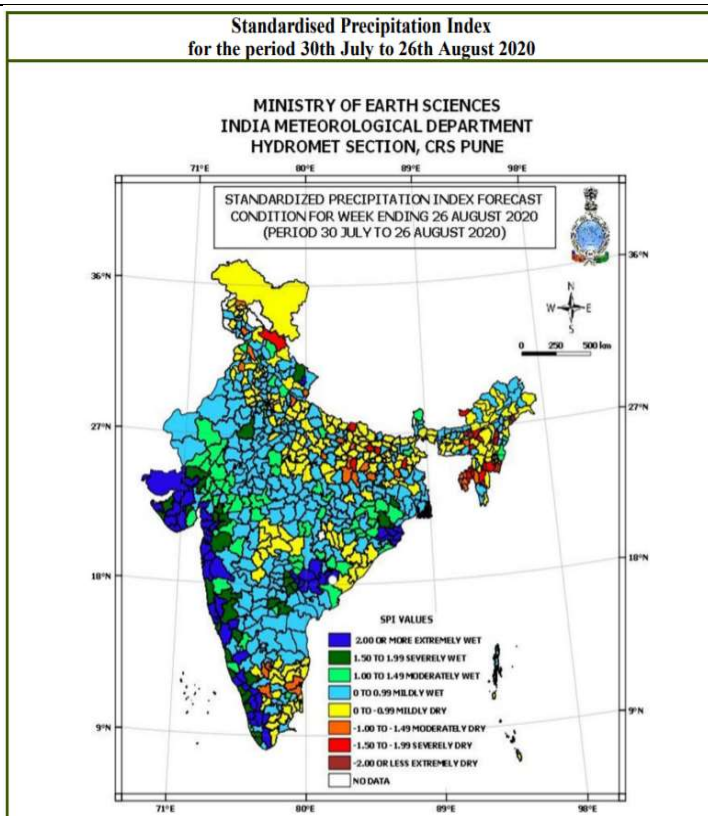


Bulletin No-120  
Date-01.09.2020

**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)*

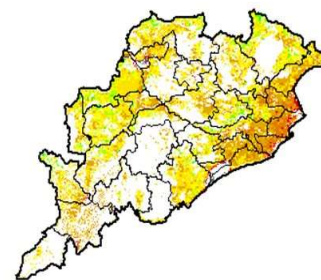
**STANDARD PRECIPITATION INDEX AND NDVI MAP**



**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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
Date-01.09.2020

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received 93 mm and district received 112 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. **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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** **Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block.** The day temperature will 32-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 47-56% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall (mm)	16	8	0	0	6
T-Max (°C)	34	32	34	36	36
T-Min (°C)	26	24	25	25	26
Cloud Cover (octa)	8	7	4	4	7
RH Max (%)	85	87	92	90	89
RH Min (%)	56	53	52	47	53
Wind Speed (kmph)	7	6	9	11	11
Wind Direction (deg)	297	160	180	201	203

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** 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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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:** 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 litres 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
 Date-01.09.2020

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received 79 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will 32-36°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 48-60% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e. -12.7% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	15	8	0	0	9
T-Max(°C)	33	32	34	36	36
T-Min(°C)	24	24	24	25	25
Cloud Cover(octa)	8	7	4	4	7
RH Max (%)	88	86	92	90	92
RH Min (%)	60	52	52	48	54
Wind Speed (Kmph)	7	5	9	9	8
Wind Direction (deg)	296	160	180	203	206

**Agromet Advisory**

**General Adviosry:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** 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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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.

Mrs. Sujata Sethy  
 (Nodal officer)



Follow Meghdoot Mobile APP for Agromet  
 advisories in local language and DAMINI  
 APP for Lightening alert in your area



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





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



Bulletin No-120  
 Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The block received 160 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will be 32-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-91% and 48-58% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	15	2	0	0	7
T-Max(°C)	33	32	34	35	36
T-Min(°C)	25	24	24	25	26
Cloud Cover(octa)	8	7	4	4	7
RH Max (%)	86	85	91	89	89
RH Min (%)	58	51	51	48	55
Wind Speed (Kmph)	8	6	10	12	11
Wind Direction (deg)	270	160	180	201	204

**Agromet Advisory**

**General Adviosry:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** 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.

**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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
 Date-01.09.2020

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

The district received 112 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will be 32-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-91% and 49-58% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	16	4	0	0	7
T-Max(°C)	33	32	34	35	35
T-Min(°C)	25	24	24	25	26
Cloud Cover(octa)	8	7	4	4	7
RH Max (%)	86	86	91	89	89
RH Min (%)	58	51	51	49	55
Wind Speed (Kmph)	8	6	10	12	11
Wind Direction (deg)	293	160	180	203	204

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was flooding condition 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.

**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. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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:** 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
 Date-01.09.2020

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received 81 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow, Thursday and Saturday with 1 dry day on Friday in the block. The day temperature will be 32-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 50-57% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	14	4	2	0	8
T-Max(°C)	34	32	34	35	35
T-Min(°C)	27	25	25	26	27
Cloud Cover	8	7	4	4	7
RH Max (%)	82	85	91	88	87
RH Min (%)	51	57	51	50	56
Wind Speed (Kmph)	8	7	10	14	15
Wind Direction (deg)	285	162	193	203	203

**Agromet Advisory**

**General Adviosry:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** 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.

**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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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:** 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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





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



Bulletin No-120  
 Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 86 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow, Thursday and Saturday with 1 dry day on Friday in the block. The day temperature will be 32-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-92% and 49-56% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	17	2	2	0	6
T-Max(°C)	34	32	34	35	35
T-Min(°C)	27	25	25	26	27
Cloud Cover(octa)	8	7	4	4	7
RH Max (%)	82	85	92	89	88
RH Min (%)	50	56	51	49	54
Wind Speed (Kmph)	7	7	10	13	14
Wind Direction (deg)	293	163	193	203	204

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** 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.

**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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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 Quinalophos @ 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/ litre 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
Date-01.09.2020

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received 162mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday 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 84-89% and 51-58% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	16	4	0	0	8
T-Max(°C)	34	31	33	34	34
T-Min(°C)	27	25	26	26	27
Cloud Cover(octa)	8	7	5	3	7
RH Max (%)	84	86	89	87	86
RH Min (%)	52	58	51	53	56
Wind Speed (Kmph)	8	7	11	15	16
Wind Direction (deg)	270	165	198	203	203

**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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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+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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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





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



Bulletin No-120  
 Date-01.09.2020

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)

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

The block received 136 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow, Thursday and Saturday with 1 dry day on Friday in the block. The day temperature will be 32-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 49-57% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e. -12.7% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	20	7	2	0	9
T-Max(°C)	34	32	33	35	34
T-Min(°C)	27	26	26	26	27
Cloud Cover(octal)	8	6	5	4	7
RH Max (%)	81	85	91	89	87
RH Min (%)	49	57	51	53	55
Wind Speed (Kmph)	6	7	11	14	16
Wind Direction (deg)	333	165	193	203	203

**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 chlorpyrifos @ 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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received 108 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will be 32-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 47-64% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Narsinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	16	8	0	0	9
T-Max(°C)	32	32	34	36	36
T-Min(°C)	24	23	24	24	25
Cloud Cover(/octa)	8	7	4	4	7
RH Max (%)	91	88	93	92	93
RH Min (%)	64	54	53	47	56
Wind Speed (Kmph)	6	3	6	6	5
Wind Direction (deg)	296	180	167	199	203

**Agromet Advisory**

**General Adviosry:** Drain out excess water in standing rice and vegetable crop as there was **flooding condition** in last week.

- 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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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:** 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received 152 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will be 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-87% and 51-60% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	16	3	0	0	6
T-Max(°C)	35	31	33	34	34
T-Min(°C)	26	25	26	26	27
Cloud Cover(octa)	8	7	4	3	7
RH Max (%)	85	85	87	86	85
RH Min (%)	51	60	53	55	59
Wind Speed(Kmph)	8	7	12	16	18
Wind Direction(deg)	270	203	198	203	203

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was flooding condition in last week.

- 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. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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





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



Bulletin No-120  
 Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 157 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow, Thursday and Saturday with 1 dry day on Friday in the block. The day temperature will 31-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-90% and 50-58% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e -12.7% departure from normal.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	19	6	2	0	8
T-Max(°C)	34	31	33	35	34
T-Min(°C)	27	26	26	26	27
Cloud Cover(octa)	8	7	5	4	7
RH Max (%)	81	85	90	89	87
RH Min (%)	50	58	51	53	56
Wind Speed (Kmph)	6	7	11	15	16
Wind Direction (deg)	203	165	193	203	203

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was flooding condition in last week.

- 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. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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.

Mrs. Sujata Sethy  
 (Nodal officer)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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

E-mail: kvkcuttack@gmail.com



Bulletin No-120  
Date-01.09.2020

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 144 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow, Thursday and Saturday with 1 dry day on Friday in the block. The day temperature will be 32-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 50-57% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e. - 12.7% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	16	7	2	0	8
T-Max(°C)	34	32	33	35	34
T-Min(°C)	27	26	26	26	27
Cloud Cover(octa)	8	7	5	4	7
RH Max (%)	81	85	91	89	87
RH Min (%)	50	57	51	53	56
Wind Speed (Kmph)	6	7	11	14	16
Wind Direction (deg)	333	165	193	203	203

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was flooding condition in last week.

- 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. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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.

Mrs. Sujata Sethy  
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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



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



Bulletin No-120  
 Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received 94 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will 32-36°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-86% and 55-65% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e - 12.7% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	20	7	0	0	5
T-Max(°C)	36	32	33	34	34
T-Min(°C)	28	27	28	28	29
Cloud Cover(octa)	8	7	4	4	6
RH Max (%)	83	84	85	86	85
RH Min (%)	55	65	57	60	65
Wind Speed (Kmph)	8	7	14	18	21
Wind Direction (deg)	240	203	199	204	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. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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. 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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





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



Bulletin No-120  
 Date-01.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 70 mm and district received 112 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 86-79%. 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: 02<sup>nd</sup> August 2020 to 06<sup>th</sup> September 2020**

**Weather advisory:** Very Moderate rainfall or thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Saturday with 2 dry days on Thursday and Friday in the block. The day temperature will be 32-36°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 48-59% 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 (06<sup>th</sup> September- 12<sup>th</sup> September) i.e. -12.7% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/09/2020	03/09/2020	04/09/2020	05/09/2020	06/09/2020
Rainfall(mm)	15	8	0	0	9
T-Max(°C)	33	32	34	36	36
T-Min(°C)	25	24	24	25	25
Cloud Cover(octa)	8	7	4	4	7
RH Max (%)	87	88	93	90	91
RH Min (%)	59	53	53	48	53
Wind Speed (Kmph)	7	6	9	10	9
Wind Direction (deg)	304	160	180	201	203

**Agromet Advisory**

**General Advisory:** Drain out excess water in standing rice and vegetable crop as there was flooding condition in last week.

- 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. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease.

**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 phosphamidin 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. 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 litres 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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