



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



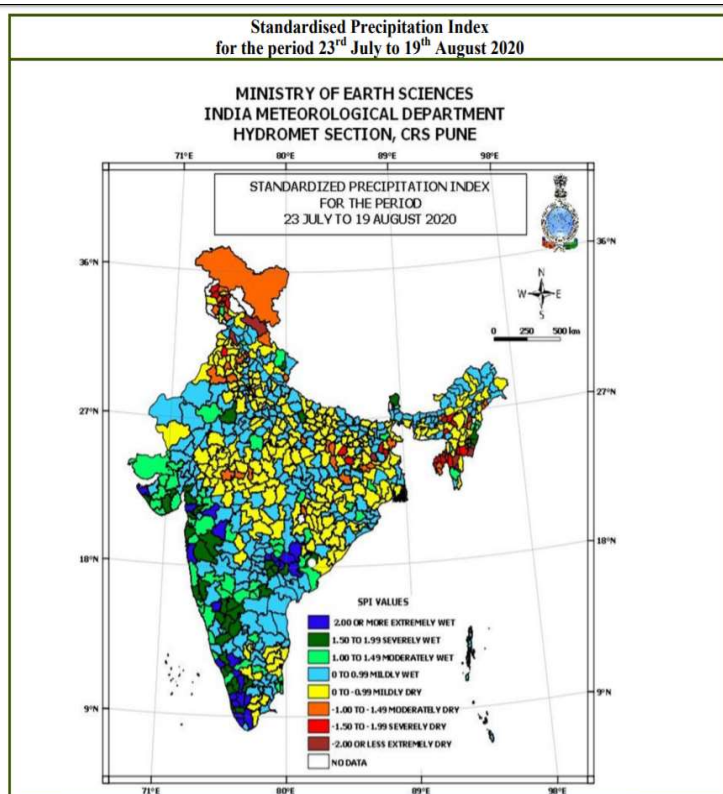
Bulletin No-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

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)

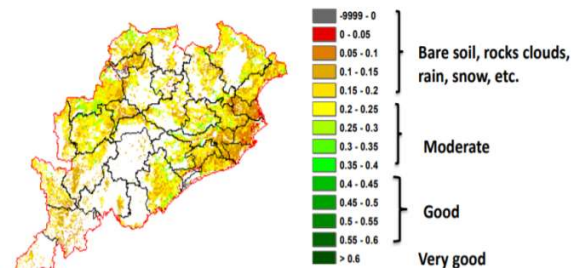
STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks - 23 July 2020 to 19 August 2020), mildly wet condition was there in Cuttack district.

NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 33
(12.08.2020 to 18.08.2020) over Agricultural region

Odisha



Agriculture vigour is good at isolated pockets of the state.

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

According to NDVI map (12.08.2020 to 18.08.2020) 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.

Dr.Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 162 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will 28-31°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 61-78% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall (mm)	11	15	22	31	45
T-Max (°C)	31	30	31	31	28
T-Min (°C)	24	25	25	24	23
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	88	88	91	92	93
RH Min (%)	63	62	61	63	78
Wind Speed (kmph)	15	10	10	11	12
Wind Direction (deg)	206	208	225	285	252

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 as it is raining. 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will 27-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 61-80% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	12	16	21	33	44
T-Max(°C)	31	30	31	32	27
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	91	88	91	91	93
RH Min (%)	65	65	61	62	80
Wind Speed (Kmph)	11	8	9	10	11
Wind Direction (deg)	214	216	248	259	257

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 as it is raining. 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 phosphanidon 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, 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: 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.

Dr.Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 338 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 59-77% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e. +7.5% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	11	14	25	32	45
T-Max(°C)	31	30	31	32	28
T-Min(°C)	24	25	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	87	90	90	92
RH Min (%)	63	62	59	62	77
Wind Speed (Kmph)	15	9	10	11	12
Wind Direction (deg)	207	208	244	270	257

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.

Maize Do not keep the stagnant water as it is raining. 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. chlorpyrifos 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, 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: 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.

Dr.Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 59-77% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	11	13	26	31	46
T-Max(°C)	31	30	31	31	28
T-Min(°C)	24	25	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	87	90	90	92
RH Min (%)	63	61	59	63	77
Wind Speed (Kmph)	15	10	10	11	12
Wind Direction (deg)	207	208	244	270	257

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 as it is raining. 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 146 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-91% and 58-75% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	7	9	21	33	43
T-Max(°C)	31	30	31	30	28
T-Min(°C)	25	25	25	25	24
Cloud Cover	8	8	8	8	8
RH Max (%)	85	86	88	88	91
RH Min (%)	61	59	58	65	75
Wind Speed (Kmph)	19	12	13	14	16
Wind Direction (deg)	207	208	216	248	257

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 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.

Maize: Do not keep the stagnant water as it is raining. 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. chlorpyrifos 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 198 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-92% and 58-76% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e. +7.5% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	4	9	16	31	47
T-Max(°C)	31	30	31	31	28
T-Min(°C)	25	25	26	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	86	89	90	92
RH Min (%)	62	58	61	64	76
Wind Speed (Kmph)	18	12	12	14	15
Wind Direction (deg)	207	208	210	270	257

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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 333 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 58-73% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	6	7	25	32	48
T-Max(°C)	31	30	31	29	28
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	86	87	87	90
RH Min (%)	61	58	58	69	73
Wind Speed (Kmph)	21	13	14	15	16
Wind Direction (deg)	207	212	236	251	257

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, 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: 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.

Dr.Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 486 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 57-76% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	5	5	20	33	44
T-Max(°C)	31	30	29	30	28
T-Min(°C)	25	26	26	25	24
Cloud Cover(octal)	7	8	8	8	8
RH Max (%)	83	85	87	87	91
RH Min (%)	61	57	64	65	76
Wind Speed (Kmph)	19	13	16	18	20
Wind Direction (deg)	204	208	236	251	257

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, 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: 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.

Dr.Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 151 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 26-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-94% and 60-86% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Narsinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	12	13	18	30	44
T-Max(°C)	31	29	31	32	26
T-Min(°C)	23	24	24	24	23
Cloud Cover(/octa)	8	8	8	8	8
RH Max (%)	93	90	93	92	94
RH Min (%)	65	66	60	63	86
Wind Speed (Kmph)	7	6	7	9	8
Wind Direction (deg)	225	243	252	259	257

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 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.

Maize: Do not keep the stagnant water as it is raining. 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. chlorpyrifos 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 184 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 58-72% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	7	8	26	31	48
T-Max(°C)	31	30	31	29	28
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	86	87	86	87
RH Min (%)	62	58	58	72	71
Wind Speed(Kmph)	24	14	15	17	17
Wind Direction(deg)	207	225	225	252	257

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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 461 mm and district received 264 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 95-87%. **According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will 28-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 58-75% respectively. There will be overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	5	9	15	33	47
T-Max(°C)	31	30	30	30	28
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	84	85	88	87	91
RH Min (%)	61	58	61	65	75
Wind Speed (Kmph)	20	14	15	17	19
Wind Direction (deg)	204	208	236	251	257

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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 409 mm and district received 264 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 95-87%. **According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 58-75% respectively. There will be overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	4	6	14	32	46
T-Max(°C)	31	30	30	30	28
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	84	85	88	87	91
RH Min (%)	61	58	61	65	75
Wind Speed (Kmph)	19	13	15	17	19
Wind Direction (deg)	207	208	236	251	257

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 as it is raining. 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 Lamba cyhalothrin 4.9CS.

VEGETABLES:

- Drain out excess water from the field. Due to rain and high humidity, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and very light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will 29-33°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-85% and 62-77% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	9	7	25	34	45
T-Max(°C)	32	33	33	29	29
T-Min(°C)	28	28	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	83	85	84	85
RH Min (%)	68	62	63	77	74
Wind Speed (Kmph)	27	18	20	23	23
Wind Direction (deg)	207	225	243	252	257

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 as it is raining. 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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-117
Date-21.08.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 141 mm and district received 264 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 95-87%. According to NDVI map (12.08.2020 to 18.08.2020) 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 – 23 July 2020 to 19 August 2020), mildly wet condition was there.

Forecasted period: 22nd August 2020 to 26th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for Monday and Tuesday and light to moderate rainfall is forecasted for first 3 days in the block. The day temperature will be 28-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 62-80% respectively. There will be overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (26th August- 1st September) i.e +7.5% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/08/2020	23/08/2020	24/08/2020	25/08/2020	26/08/2020
Rainfall(mm)	11	14	24	31	46
T-Max(°C)	31	30	31	32	28
T-Min(°C)	24	25	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	89	91	92	94
RH Min (%)	64	64	62	63	80
Wind Speed (Kmph)	13	9	9	11	11
Wind Direction (deg)	203	208	252	279	252

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 as it is raining. 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, 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: 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.

Dr. Dilip Ranjan Sarangi
(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