



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

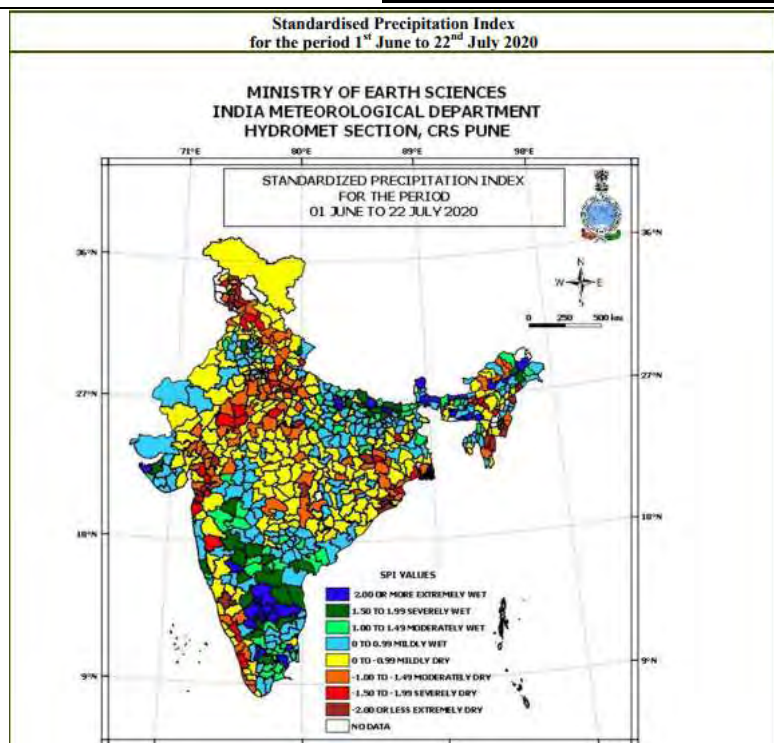
E-mail: kvkcuttack@gmail.com



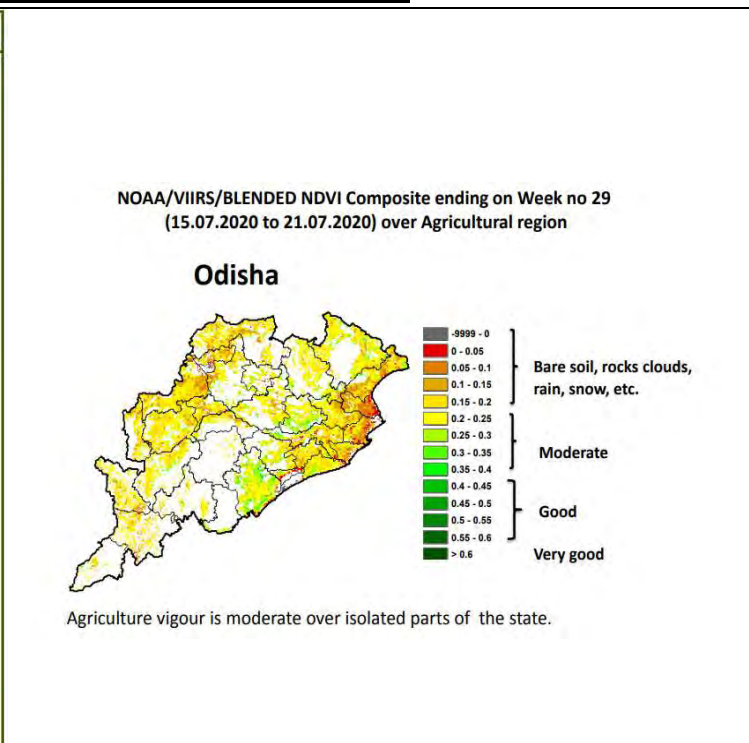
Bulletin No-109

Date-24.07.2020

STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative - 1Jun 2020 to 22 July 2020), Extremely dry condition was there in Cuttack district.



According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks 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-109
Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 157 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will 33-36°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 47-54% respectively. There will partly cloudy to overcast sky for next 5days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall (mm)	8	1	0	2	7
T-Max (°C)	33	36	35	35	36
T-Min (°C)	24	25	26	27	26
Cloud Cover (octa)	7	6	8	7	8
RH Max (%)	82	88	82	77	85
RH Min (%)	54	48	47	47	47
Wind Speed (kmph)	12	16	10	13	15
Wind Direction (deg)	204	204	212	205	207

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stages, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables** :Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kykcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will 32-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 45-56% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	6	2	1	2	7
T-Max(°C)	32	35	35	35	36
T-Min(°C)	23	24	25	25	25
Cloud Cover(octa)	8	7	8	7	8
RH Max (%)	85	89	82	81	86
RH Min (%)	56	51	48	45	47
Wind Speed (Kmph)	10	13	10	11	13
Wind Direction (deg)	199	199	225	208	199

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in both up and medium to low land as less amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables** :Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109
Date-24.07.2020

E-mail: kykcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 62 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. *According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.*

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: **Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Sunday and Monday.**

The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 45-53% respectively. There will be partly cloudy to overcast sky for next 5 days

There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	2	1	0	0	5
T-Max(°C)	33	35	35	35	36
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	83	88	80	78	84
RH Min (%)	53	49	47	45	47
Wind Speed (Kmph)	12	16	11	13	15
Wind Direction (deg)	204	204	212	205	203

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: **Direct seeded rice** In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**, Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kykcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the **agriculture vigor was less to very less over maximum blocks** whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), **Extremely dry condition was there.**

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: **Very light to light rainfall is forecasted for upcoming 5 days in the block.** The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 46-53% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	2	1	1	1	6
T-Max(°C)	33	35	35	35	36
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	83	88	81	77	84
RH Min (%)	53	49	47	46	47
Wind Speed (Kmph)	12	16	11	13	15
Wind Direction (deg)	204	204	212	205	204

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyrphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 48 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 1 dry day on Today. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-85% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	0	1	1	1	3
T-Max(°C)	32	35	34	35	36
T-Min(°C)	25	26	26	28	27
Cloud Cover	7	6	8	7	8
RH Max (%)	78	85	78	71	81
RH Min (%)	49	45	45	44	45
Wind Speed (Kmph)	14	19	14	16	18
Wind Direction (deg)	204	203	204	205	207

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 48 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Sunday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 45-50% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	8	0	0	1	5
T-Max(°C)	32	36	34	35	36
T-Min(°C)	25	26	26	28	26
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	79	86	80	72	83
RH Min (%)	50	45	46	45	45
Wind Speed (Kmph)	13	18	13	16	17
Wind Direction (deg)	204	203	207	208	207

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: **Direct seeded rice** In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips** in **chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 09 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for today and Tuesday with 3 dry days on Tomorrow, Sunday and Monday.

The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-85% and 43-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	9	0	0	0	2
T-Max(°C)	32	35	35	35	36
T-Min(°C)	25	26	27	28	27
Cloud Cover(octa)	7	5	8	7	8
RH Max (%)	78	85	76	72	80
RH Min (%)	49	47	47	43	43
Wind Speed (Kmph)	15	19	16	17	19
Wind Direction (deg)	203	203	204	207	203

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation both in up and medium to low land as very less amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: **Direct seeded rice** In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyrifos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 53 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Tuesday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 45-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	16	0	1	0	7
T-Max(°C)	32	35	34	35	36
T-Min(°C)	25	26	27	28	27
Cloud Cover(octal)	7	7	8	8	8
RH Max (%)	80	86	79	73	84
RH Min (%)	51	47	48	45	46
Wind Speed (Kmph)	14	18	15	17	18
Wind Direction (deg)	204	203	204	208	206

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: **Direct seeded rice** In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyrifos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 36 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. **According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.**

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days 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 83-92% and 44-57% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	8	6	1	2	7
T-Max(°C)	32	34	35	35	36
T-Min(°C)	23	23	25	25	24
Cloud Cover(/octa)	8	7	8	7	8
RH Max (%)	87	92	85	83	87
RH Min (%)	57	51	48	44	46
Wind Speed (Kmph)	7	9	7	8	9
Wind Direction (deg)	199	203	240	208	199

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of **cucurbit vegetables** with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvin WP in 1 litre water, Red pumpkin beetle- Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 17 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will be 33-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	12	0	1	0	1
T-Max(°C)	33	34	35	36	36
T-Min(°C)	25	26	27	28	27
Cloud Cover(octa)	8	5	8	7	8
RH Max (%)	78	85	77	73	80
RH Min (%)	50	51	49	44	43
Wind Speed(Kmph)	16	19	18	18	20
Wind Direction(deg)	203	203	204	207	203

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation both in up and medium to low land as less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice: In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**, Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbusulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 44-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	16	0	1	0	6
T-Max(°C)	32	35	35	35	36
T-Min(°C)	25	26	27	28	27
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	80	86	79	73	83
RH Min (%)	51	47	48	44	47
Wind Speed (Kmph)	14	18	15	17	18
Wind Direction (deg)	204	203	204	208	201

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up and medium to low land as very less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for upcoming 5 days, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is forecasted in upcoming days, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 11 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 44-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	15	0	1	0	6
T-Max(°C)	32	35	34	35	36
T-Min(°C)	25	26	27	28	27
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	79	86	79	72	83
RH Min (%)	51	47	47	44	46
Wind Speed (Kmph)	14	18	15	17	18
Wind Direction (deg)	204	203	204	208	206

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation both in up and medium to low land as less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice: In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will 33-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 49-59% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	14	0	2	0	1
T-Max(°C)	33	34	35	37	36
T-Min(°C)	29	29	30	30	30
Cloud Cover(octa)	8	6	8	7	8
RH Max (%)	79	85	81	78	83
RH Min (%)	56	59	59	49	53
Wind Speed (Kmph)	18	20	21	20	22
Wind Direction (deg)	203	203	203	204	203

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation both in up and medium to low land as less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in **chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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-109

Date-24.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 111 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 1 dry day on Sunday. The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 46-55% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/07/2020	26/07/2020	27/07/2020	28/07/2020	29/07/2020
Rainfall(mm)	6	1	0	1	5
T-Max(°C)	33	35	35	35	36
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	7	6	8	7	8
RH Max (%)	83	89	82	79	86
RH Min (%)	55	49	48	46	47
Wind Speed (Kmph)	11	15	10	12	14
Wind Direction (deg)	204	204	212	208	203

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

Direct seeded rice: In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of **Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray **Metalaxyl+Mancozeb@0.2%**. Alternaria blight in bitter melon and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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