



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



Bulletin No-108

Date-22.07.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received 102 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light to Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will 30-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 45-66% respectively. There will partly cloudy to overcast sky for next 5days. There will be below normal rainfall in the upcoming week (26July-01 August) in Odisha condition.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall (mm)	10	15	3	2	1
T-Max (°C)	30	32	32	34	34
T-Min (°C)	25	25	24	24	25
Cloud Cover (octa)	8	8	8	7	7
RH Max (%)	86	85	78	86	82
RH Min (%)	66	58	57	45	49
Wind Speed (kmph)	14	7	15	15	11
Wind Direction (deg)	204	210	203	203	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as good amount of rainfall was realized in the past week and also 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 upcoming 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 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 today and tomorrow farmers should 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 forecasted for today and tomorrow 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



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Bulletin No-108

Date-22.07.2020

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

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

**The district received 25 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** **Moderate rainfall is forecasted for Today and tomorrow after that very light to light rainfall is forecasted for next 3 days for the block.** The day temperature will 29-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 46-65% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	12	22	7	1	2
T-Max(°C)	29	31	31	33	34
T-Min(°C)	24	24	24	23	24
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	86	85	81	87	83
RH Min (%)	65	61	57	46	50
Wind Speed (Kmph)	12	5	12	13	9
Wind Direction (deg)	207	244	203	201	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as very less amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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 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 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)



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**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



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**(A Unit of ICAR-National Rice Research Institute)**

E-mail: kvkcuttack@gmail.com



Bulletin No-108

Date-22.07.2020

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The block received 35 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 30-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 45-64% respectively. There will be partly cloudy to overcast sky for next 5 days

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

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	11	17	2	1	1
T-Max(°C)	30	32	32	34	34
T-Min(°C)	24	24	24	24	25
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	85	84	78	85	82
RH Min (%)	64	58	56	45	49
Wind Speed (Kmph)	14	7	16	15	12
Wind Direction (deg)	204	236	203	203	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as moderate amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should be 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 for today and tomorrow 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 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 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)



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Date-22.07.2020

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

**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

**The district received 25 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory: Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block.** The day temperature will be 30-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 45-64% respectively. There will be partly cloudy to overcast sky for next 5 days.

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

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	10	17	2	1	1
T-Max(°C)	30	32	32	34	34
T-Min(°C)	24	24	24	24	25
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	85	84	78	85	81
RH Min (%)	64	58	56	45	49
Wind Speed (Kmph)	14	7	16	16	12
Wind Direction (deg)	204	216	203	203	204

**Agromet Advisory**

**General: Farmers may go for transplanting of paddy as moderate amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should be 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 for today and tomorrow 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 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.

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E-mail: kvkcuttack@gmail.com



Bulletin No-108

Date-22.07.2020

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received 22 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light to Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 30-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 44-59% respectively. There will be partly cloudy to overcast sky for next 5 days.

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

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	9	14	2	1	1
T-Max(°C)	30	32	32	34	34
T-Min(°C)	25	25	26	25	26
Cloud Cover	8	8	8	7	7
RH Max (%)	83	81	76	85	79
RH Min (%)	59	56	53	44	46
Wind Speed (Kmph)	17	11	19	17	15
Wind Direction (deg)	207	212	203	203	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as light amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 Thiometoxam@0.4g/ litre of water. As light to moderate of rainfall is forecasted for today and tomorrow 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)



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**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-108

Date-22.07.2020

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

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 35 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light to Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 30-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 42-63% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	8	11	2	1	1
T-Max(°C)	30	31	32	34	34
T-Min(°C)	25	25	25	25	26
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	85	82	76	85	80
RH Min (%)	63	57	55	42	46
Wind Speed (Kmph)	16	10	18	17	14
Wind Direction (deg)	207	208	203	203	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as moderate amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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 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)



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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-108

Date-22.07.2020

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received 12 mm and district received 25 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** **Light rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block.** The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 47-59% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	8	9	1	2	5
T-Max(°C)	31	32	32	33	34
T-Min(°C)	25	25	26	25	26
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	84	80	76	84	78
RH Min (%)	58	59	53	48	47
Wind Speed (Kmph)	18	14	21	18	17
Wind Direction (deg)	207	204	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as less amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should be 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 for today and tomorrow 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)



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**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-108

Date-22.07.2020

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

**The block received 19 mm and district received 25 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** **Light rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block.** The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 44-63% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	9	8	1	1	3
T-Max(°C)	31	31	32	34	34
T-Min(°C)	25	25	26	25	26
Cloud Cover(octal)	8	8	8	7	7
RH Max (%)	85	83	78	86	80
RH Min (%)	63	59	56	44	45
Wind Speed (Kmph)	17	13	19	18	16
Wind Direction (deg)	207	207	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as less amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should be 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 for today and tomorrow 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 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)



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**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-108

Date-22.07.2020

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

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

The block received 07 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Moderate rainfall is forecasted for Today and tomorrow after that very light to light rainfall is forecasted for next 3 days for the block. The day temperature will be 31-35°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-89% and 47-68% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	18	30	9	3	6
T-Max(°C)	30	31	31	33	35
T-Min(°C)	23	23	23	23	24
Cloud Cover(/octa)	8	8	8	7	7
RH Max (%)	88	88	87	89	86
RH Min (%)	68	60	57	47	49
Wind Speed (Kmph)	8	5	7	9	6
Wind Direction (deg)	204	257	203	198	206

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as 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 upcoming 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 today and tomorrow farmers should 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 forecasted for today and tomorrow 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)



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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-108

Date-22.07.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received 30 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light to Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 50-62% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	10	8	1	2	5
T-Max(°C)	31	31	32	33	34
T-Min(°C)	25	25	26	25	26
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	84	79	76	83	78
RH Min (%)	60	62	55	52	50
Wind Speed(Kmph)	19	16	22	19	18
Wind Direction(deg)	207	203	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as moderate amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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)



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**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



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

E-mail: kvkcuttack@gmail.com



Bulletin No-108

Date-22.07.2020

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 07 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 46-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	8	6	1	2	3
T-Max(°C)	31	31	32	34	34
T-Min(°C)	25	25	26	25	26
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	84	82	78	86	79
RH Min (%)	61	59	55	46	46
Wind Speed (Kmph)	17	13	20	18	16
Wind Direction (deg)	207	207	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as very less amount of rainfall was realized in the past week and also 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 upcoming 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<sup>-1</sup> 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 today and tomorrow farmers should 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 for today and tomorrow 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)



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**Debasish Jena**

SMS (Agrometeorology)

Contact No-9861445080/7008453427





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



Bulletin No-108

Date-22.07.2020

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 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 45-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	9	7	1	1	3
T-Max(°C)	31	31	32	34	34
T-Min(°C)	25	25	26	25	26
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	84	82	78	86	79
RH Min (%)	61	59	55	45	46
Wind Speed (Kmph)	17	13	19	18	16
Wind Direction (deg)	207	207	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as less amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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)



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Bulletin No-108

Date-22.07.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will 32-35°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-83% and 56-67% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	8	7	2	1	3
T-Max(°C)	33	32	33	34	35
T-Min(°C)	28	28	29	29	29
Cloud Cover(octa)	8	7	8	7	7
RH Max (%)	82	79	78	83	81
RH Min (%)	64	67	60	60	56
Wind Speed (Kmph)	21	21	25	21	20
Wind Direction (deg)	238	203	203	203	203

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation as less amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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 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)



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Bulletin No-108

Date-22.07.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 21 mm and district received 25 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-79%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

**Forecasted period: 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020**

**General advisory:** Light to Moderate rainfall is forecasted for Today and tomorrow after that very light rainfall is forecasted for next 3 days for the block. The day temperature will be 30-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 46-66% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (26 July-01 August) in Odisha condition.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/07/2020	24/07/2020	25/07/2020	26/07/2020	27/07/2020
Rainfall(mm)	9	14	6	2	1
T-Max(°C)	30	32	32	34	34
T-Min(°C)	24	24	24	24	25
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	86	85	80	87	83
RH Min (%)	66	59	57	46	50
Wind Speed (Kmph)	13	6	14	14	10
Wind Direction (deg)	207	234	203	203	204

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy as moderate amount of rainfall was realized in the past week and also 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 upcoming 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 today and tomorrow farmers should 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 for today and tomorrow 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)**

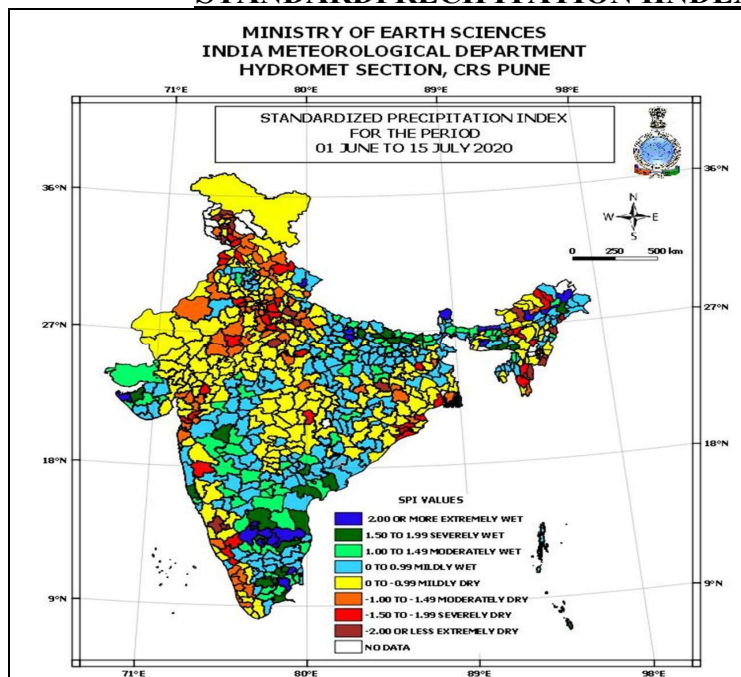
E-mail: kvkcuttack@gmail.com



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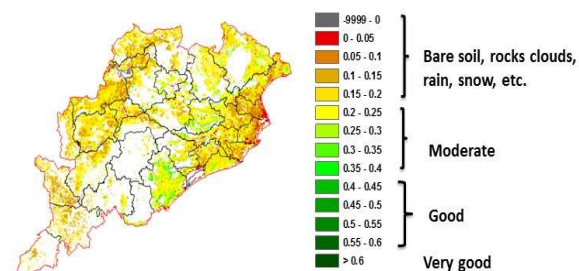
**STANDARD PRECIPITATION INDEX AND NDVI MAP OF CUTTACK DISTRICT**



**As per SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there in Cuttack district.**

NOAA/VIRS/BLENDED NDVI Composite ending on Week no 28  
(08.07.2020 to 14.07.2020) over Agricultural region

**Odisha**



Agriculture vigour is moderate over isolated parts of the state.

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

**According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks**

**Dr.Dilip Ranjan Sarangi**  
(Nodal officer)



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**SMS (Agrometeorology)**  
Contact No-9861445080/7008453427