



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

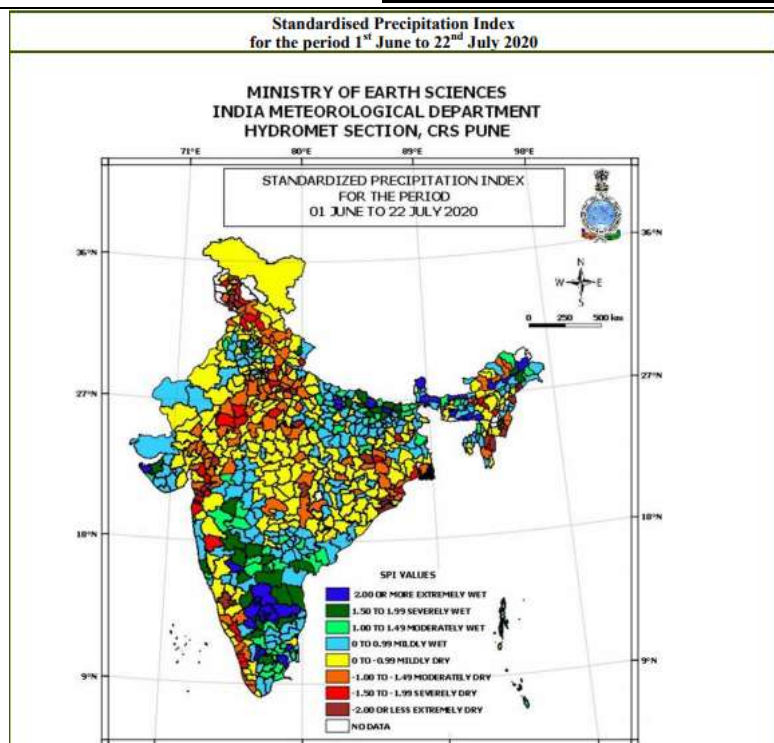
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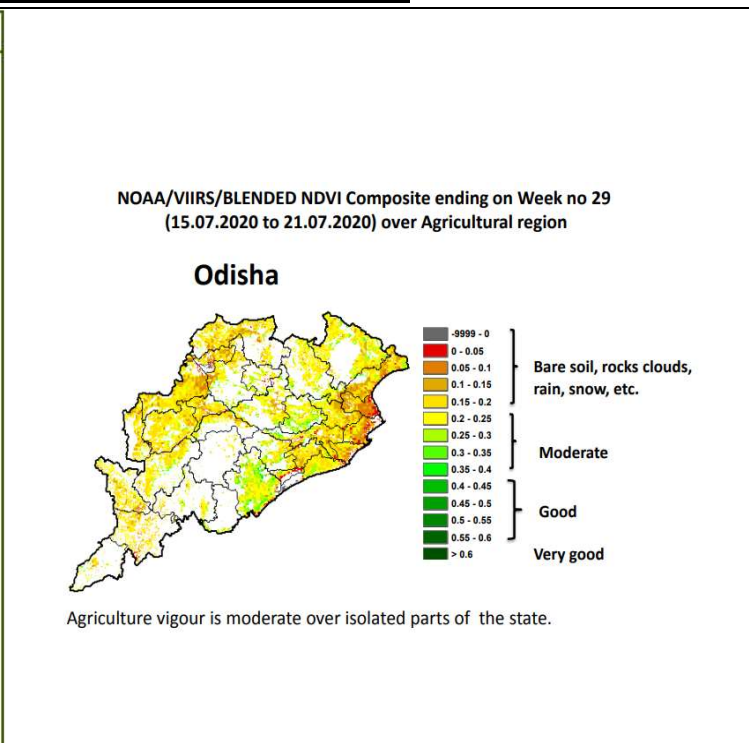
Bulletin No-110

Date-28.07.2020

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)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 69 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will 35-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 43-49% respectively. There will partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall (mm)	12	2	0	8	4
T-Max (°C)	36	35	35	36	37
T-Min (°C)	26	25	25	26	27
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	85	83	85	84	79
RH Min (%)	44	49	43	46	44
Wind Speed (kmph)	13	18	13	11	8
Wind Direction (deg)	203	203	201	193	162

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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.
- ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 47 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 81-76%. **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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will 35-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 44-50% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	15	3	0	9	6
T-Max(°C)	36	35	35	35	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	84	85	82	79
RH Min (%)	44	50	45	46	44
Wind Speed (Kmph)	11	17	12	9	7
Wind Direction (deg)	198	180	193	162	167

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 89 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will be 35-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-84% and 43-49% respectively. There will be partly cloudy to overcast sky for next 5 days.

There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	11	1	0	7	4
T-Max(°C)	36	35	35	36	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	83	84	82	78
RH Min (%)	44	49	44	45	43
Wind Speed (Kmph)	14	18	14	11	9
Wind Direction (deg)	203	201	203	193	193

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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 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.

ANIMAL HUSBANDRY: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA
District Past week weather condition

The district received 47 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 81-76%. **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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will be 35-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-84% and 43-49% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	12	2	0	7	4
T-Max(°C)	36	35	35	36	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	83	84	82	78
RH Min (%)	44	49	44	45	43
Wind Speed (Kmph)	14	18	14	11	9
Wind Direction (deg)	203	203	203	193	193

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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 chloropyrphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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 carbosulphal in 200litre water/ac.

ANIMAL HUSBANDRY: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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Bulletin No-110
Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 46 mm and district received 47 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 81-76%. **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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will be 35-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-83% and 41-48% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	10	2	0	5	3
T-Max(°C)	35	35	35	36	36
T-Min(°C)	26	26	26	27	27
Cloud Cover	8	8	8	8	8
RH Max (%)	82	81	83	80	78
RH Min (%)	43	48	41	42	42
Wind Speed (Kmph)	16	18	15	14	11
Wind Direction (deg)	201	203	203	201	193

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 61 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except one dry day on Thursday. The day temperature will be 35-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-84% and 41-48% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	9	2	0	6	4
T-Max(°C)	35	35	35	36	36
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	82	84	81	78
RH Min (%)	43	48	41	43	43
Wind Speed (Kmph)	14	17	15	13	10
Wind Direction (deg)	201	203	203	198	180

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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.

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

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.
- 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 26 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry day on Wednesday and Thursday. The day temperature will be 34-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-82% and 42-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	5	0	0	3	2
T-Max(°C)	35	34	34	36	36
T-Min(°C)	27	26	26	27	28
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	80	80	82	79	77
RH Min (%)	44	51	43	42	42
Wind Speed (Kmph)	17	18	16	15	13
Wind Direction (deg)	201	203	203	201	198

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy with assured irrigation 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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 chloropyrphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

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

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.
- 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 59 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Wednesday and Thursday. The day temperature will be 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 42-52% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	7	0	0	4	2
T-Max(°C)	35	34	35	36	36
T-Min(°C)	26	26	26	27	27
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	82	82	84	82	80
RH Min (%)	45	52	42	42	43
Wind Speed (Kmph)	15	17	15	14	11
Wind Direction (deg)	201	203	201	198	193

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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 chloropyrphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

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

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.
- 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 37 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will be 35-38°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	17	3	1	9	9
T-Max(°C)	38	35	35	36	37
T-Min(°C)	24	24	24	25	26
Cloud Cover(/octa)	8	8	7	8	8
RH Max (%)	86	88	88	84	81
RH Min (%)	44	49	45	46	47
Wind Speed (Kmph)	8	13	8	5	5
Wind Direction (deg)	162	162	198	162	171

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 20g 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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.
- 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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



Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 04 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Wednesday and Thursday. The day temperature will be 34-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-82% and 44-54% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	5	0	0	4	3
T-Max(°C)	35	34	34	36	36
T-Min(°C)	27	26	26	27	28
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	80	79	82	80	78
RH Min (%)	45	54	47	45	44
Wind Speed(Kmph)	18	18	16	16	14
Wind Direction(deg)	203	203	203	203	203

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy with assured irrigation 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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.

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

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.

- 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 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Wednesday and Thursday. The day temperature will 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 42-54% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	8	0	0	4	3
T-Max(°C)	35	34	35	36	36
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	81	82	84	82	80
RH Min (%)	45	54	42	42	43
Wind Speed (Kmph)	16	17	15	14	11
Wind Direction (deg)	198	203	201	198	193

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy with assured irrigation 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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.

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

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.
- 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 carbosulphar in 200litre water/ac.

ANIMAL HUSBANDRY: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 14 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Wednesday and Thursday. The day temperature will be 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 42-52% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	7	0	0	6	4
T-Max(°C)	35	34	35	36	36
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	81	82	84	82	80
RH Min (%)	44	52	42	42	42
Wind Speed (Kmph)	16	17	15	14	11
Wind Direction (deg)	201	203	201	198	193

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy with assured irrigation 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

Dr. Dilip Ranjan Sarangi
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Bulletin No-110

Date-28.07.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Wednesday and Thursday. The day temperature will 34-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 52-63% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	9	0	0	7	5
T-Max(°C)	36	34	35	36	36
T-Min(°C)	29	29	29	29	30
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	82	80	82	84	82
RH Min (%)	52	63	57	55	53
Wind Speed (Kmph)	20	19	17	17	16
Wind Direction (deg)	198	203	198	203	193

Agromet Advisory

General: Farmers may go for beushaning and transplanting of paddy with assured irrigation as light 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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 beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning 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 beushaning 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 101 mm and district received 47 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 81-76%. 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: 29th July 2020 to 02nd August 2020

General advisory: Moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for upcoming 4 days in the block except one dry day on Thursday. The day temperature will be 35-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall in the week (02 August-08 August) i.e. -19% in Odisha condition.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall(mm)	14	2	0	1	4
T-Max(°C)	36	35	35	36	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	86	84	85	84	81
RH Min (%)	45	49	44	46	44
Wind Speed (Kmph)	12	18	13	10	8
Wind Direction (deg)	199	193	201	167	161

Agromet Advisory

General: Farmers may go for beushaning and 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 normal rainfall in the week (02 August-08 August) i.e. -19% 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.

Maize: Maize is at 6 to 7 week stage (at tasseling stage). Go for weeding if required. Apply 8 kg Nitrogen/acre leaving 5 cm from the rows followed by earthing up. Drain out excess water if continuous rain occur.

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.
- 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: 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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



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