



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



Bulletin No-101
Date-26.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 43-50% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall (mm)	1	5	7	3	1
T-Max (°C)	35	35	33	34	35
T-Min (°C)	26	25	25	25	25
Cloud Cover (octa)	8	8	8	7	5
RH Max (%)	77	84	84	85	80
RH Min (%)	43	44	50	49	48
Wind Speed (kmph)	20	19	16	16	15
Wind Direction (deg)	203	204	204	167	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 -20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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Bulletin No-101
Date-26.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-36°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 42-49% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	5	6	5	2
T-Max(°C)	36	35	33	34	34
T-Min(°C)	25	25	25	24	25
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	78	84	84	86	80
RH Min (%)	42	42	49	46	48
Wind Speed (Kmph)	17	15	13	14	13
Wind Direction (deg)	201	204	198	167	198

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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Bulletin No-101
Date-26.06.2020

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

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-35°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-84% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020
Rainfall(mm)	0	3	7	2	1
T-Max(°C)	35	35	33	34	35
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	77	83	82	84	78
RH Min (%)	44	44	49	47	47
Wind Speed (Kmph)	20	19	16	17	16
Wind Direction (deg)	203	203	203	180	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

➤ As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 -20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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Date-26.06.2020

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

District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020
Rainfall(mm)	0	3	8	1	1
T-Max(°C)	35	35	33	34	35
T-Min(°C)	26	25	25	25	25
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	77	83	82	85	78
RH Min (%)	44	44	49	48	47
Wind Speed (Kmph)	20	20	17	16	16
Wind Direction (deg)	203	203	203	193	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-101
Date-26.06.2020

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

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: **Trace to very light rainfall for upcoming 4 days in the block.** The day temperature will 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 44-48% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	7	4	1
T-Max(°C)	34	35	34	33	34
T-Min(°C)	27	26	26	26	26
Cloud Cover	8	8	8	7	6
RH Max (%)	77	79	79	83	77
RH Min (%)	46	44	45	48	46
Wind Speed (Kmph)	24	25	20	17	19
Wind Direction (deg)	203	203	204	203	203

Agromet Advisory

General Advisory: **According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So**

➤ **As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.**

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

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Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

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Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	6	3	1
T-Max(°C)	35	35	34	33	34
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	76	80	80	84	79
RH Min (%)	44	44	45	48	45
Wind Speed (Kmph)	23	23	18	16	17
Wind Direction (deg)	203	203	204	201	203

Agromet Advisory

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WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 -20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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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-101
Date-26.06.2020

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-82% and 45-50% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	6	6	1
T-Max(°C)	33	34	34	33	34
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	76	78	78	82	78
RH Min (%)	48	46	45	50	47
Wind Speed (Kmph)	25	26	21	18	20
Wind Direction (deg)	203	203	204	203	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-101
Date-26.06.2020

E-mail: kykcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR MAHANGA
District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will be 33-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	6	4	1
T-Max(°C)	35	36	34	33	34
T-Min(°C)	27	27	27	26	27
Cloud Cover(octal)	8	8	8	7	6
RH Max (%)	76	79	78	84	80
RH Min (%)	44	43	46	51	45
Wind Speed (Kmph)	25	25	20	16	18
Wind Direction (deg)	203	203	204	201	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-101
Date-26.06.2020

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

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 34-36°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 37-48% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	4	8	4	2
T-Max(°C)	36	35	34	34	34
T-Min(°C)	25	25	25	24	24
Cloud Cover(/octa)	8	8	8	7	6
RH Max (%)	80	82	84	89	84
RH Min (%)	37	39	43	42	48
Wind Speed (Kmph)	11	9	9	10	9
Wind Direction (deg)	198	225	203	162	193

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

➤ As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent² nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 -20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-101
Date-26.06.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-82% and 47-51% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	6	2	2
T-Max(°C)	33	34	34	33	34
T-Min(°C)	27	26	26	26	27
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	77	79	79	82	78
RH Min (%)	51	50	47	50	49
Wind Speed(Kmph)	26	27	22	19	21
Wind Direction(deg)	203	203	203	203	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

➤ **As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.**

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 centm nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120 ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-101
Date-26.06.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 43-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	3	5	2	2
T-Max(°C)	34	36	34	33	34
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	76	79	77	84	80
RH Min (%)	45	43	45	52	46
Wind Speed (Kmph)	25	26	20	16	18
Wind Direction (deg)	203	203	204	201	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent π nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120 ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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Date-26.06.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 43-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	4	2	1
T-Max(°C)	34	36	34	33	34
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	76	79	77	84	79
RH Min (%)	45	43	45	52	46
Wind Speed (Kmph)	25	25	20	16	18
Wind Direction (deg)	203	203	204	201	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120 ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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-101
Date-26.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 13mm 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 81-72%. **According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.**

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 35°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-82% and 56-59% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Date	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	2	7	2	1
T-Max(°C)	35	35	35	35	35
T-Min(°C)	30	30	29	29	29
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	80	81	82	82	82
RH Min (%)	59	57	58	59	56
Wind Speed (Kmph)	28	29	25	20	22
Wind Direction (deg)	203	203	203	203	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent σ nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

Arhar: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120 ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Date-26.06.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 13mm 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 81-72%. According to NDVI map (17.06.2020 to 23.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 24June 2020), mildly dry condition was there.

Forecasted period: 27th June 2020 to 01st July 2020

General advisory: Trace to very light rainfall for upcoming 4 days in the block. The day temperature will 33-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 42-49% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/06/2020	28/06/2020	29/06/2020	30/06/2020	01/07/2020
Rainfall(mm)	0	5	7	2	1
T-Max(°C)	36	35	33	34	35
T-Min(°C)	26	25	25	25	25
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	77	84	84	86	80
RH Min (%)	42	44	49	47	48
Wind Speed (Kmph)	19	17	15	15	14
Wind Direction (deg)	203	204	199	167	203

Agromet Advisory

General Advisory: According to SPI (1st June to 24th June) mild dry condition is there and according to NDVI map (17-23rd June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received below normal (-20%) rainfall then actual in between 1st June to 26th June. So

> As deficient rainfall is expected till Tuesday, wet nursery sowing should be taken up with assured irrigation facility.

WET NURSERY: For preparation of wet nursery bed, puddle the land thoroughly; apply 8-10q FYM, 12kg SSP and 2kg MOP in 10 cent π nursery area during final land preparation. Beds of 1.25-1.5m width, 10 cm height and convenient length should be prepared. A drain of 30 cm width should be kept between 2 beds. Before sowing, the seeds should be treated with Carbendazim@2g or Carboxin+Thiram@1.5g/kg of seed. To remove chaffy seeds, put the seeds in saline water prepared with 165g salt per litre of water, then wash it thoroughly and soak in water for 24 hours. Remove the seeds and keep on the floor by covering with wet gunny bags. Sow the sprouted seeds in line drawn 5cm apart in the nursery bed @ 20Kg/acre. Sprouted seeds can be also broadcasted @40-60g/m². Drain out excess water from the nursery beds if there is heavy rain. Apply pre emergence weedicide Pyrazosulfuron ethyl@8g/10cents of nursery area one day after sowing to control weeds.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds

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JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofopp-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

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VEGETABLES:

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Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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