



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



Bulletin No-102
Date-30.06.2020

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 34-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 41-46% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall (mm)	6	3	8	47	32
T-Max (°C)	34	35	37	36	35
T-Min (°C)	25	26	27	27	26
Cloud Cover (octa)	8	8	8	7	8
RH Max (%)	83	79	75	75	76
RH Min (%)	45	44	41	42	46
Wind Speed (kmph)	17	13	12	12	13
Wind Direction (deg)	203	212	210	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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-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:

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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-102
Date-30.06.2020

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. 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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 34-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-82% and 41-48% respectively. There will be partly cloudy to overcast sky for next 5 days. Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	5	4	8	50	35
T-Max(°C)	34	35	37	36	35
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	82	78	75	74	74
RH Min (%)	46	41	41	44	48
Wind Speed (Kmph)	14	12	12	12	13
Wind Direction (deg)	198	212	225	225	259

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

► Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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-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.
- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, leaf blight and vine rot is likely to appear in pointed gourd. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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-102
Date-30.06.2020

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. 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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 34-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 40-45% respectively. There will be partly cloudy to overcast sky for next 5 days. Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	4	3	7	44	34
T-Max(°C)	34	35	37	36	35
T-Min(°C)	25	26	27	27	26
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	80	78	73	73	72
RH Min (%)	45	41	40	42	45
Wind Speed (Kmph)	17	14	13	14	14
Wind Direction (deg)	203	212	225	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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 Bispribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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.
- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, leaf blight and vine rot is likely to appear in pointed gourd. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 34-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-81% and 40-46% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	4	3	7	45	34
T-Max(°C)	34	35	37	36	35
T-Min(°C)	25	26	27	27	26
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	81	78	73	73	72
RH Min (%)	46	42	40	42	45
Wind Speed (Kmph)	17	14	13	14	14
Wind Direction (deg)	203	212	225	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.

Wilting may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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 BARANGA

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 33-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-80% and 39-47% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	4	2	6	43	32
T-Max(°C)	33	34	36	36	35
T-Min(°C)	26	27	28	28	27
Cloud Cover	8	8	8	7	8
RH Max (%)	80	76	71	73	70
RH Min (%)	47	45	39	41	42
Wind Speed (Kmph)	21	16	14	15	16
Wind Direction (deg)	203	212	212	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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-102
Date-30.06.2020

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

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. 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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 33-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 40-46% respectively. There will be partly cloudy to overcast sky for next 5days. Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	6	3	7	44	34
T-Max(°C)	33	34	36	35	35
T-Min(°C)	26	27	28	28	27
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	82	77	73	74	71
RH Min (%)	45	46	40	41	43
Wind Speed (Kmph)	20	15	13	14	16
Wind Direction (deg)	203	212	212	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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/litre 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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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-102
Date-30.06.2020

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

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 33-37°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-80% and 39-51% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	8	3	7	45	35
T-Max(°C)	33	34	37	36	35
T-Min(°C)	26	27	28	28	27
Cloud Cover(octa)	8	8	7	7	8
RH Max (%)	80	75	70	71	67
RH Min (%)	51	46	39	39	42
Wind Speed (Kmph)	21	18	16	17	18
Wind Direction (deg)	203	204	212	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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
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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-102
Date-30.06.2020

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

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 33-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 40-49% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	7	3	8	44	36
T-Max(°C)	33	34	36	36	36
T-Min(°C)	26	27	28	28	27
Cloud Cover(octal)	8	8	8	7	8
RH Max (%)	82	75	75	75	71
RH Min (%)	49	47	41	40	41
Wind Speed (Kmph)	21	16	13	14	18
Wind Direction (deg)	203	212	212	207	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilt** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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
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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-102
Date-30.06.2020

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

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 34-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 42-48% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	6	5	9	51	36
T-Max(°C)	34	34	36	35	35
T-Min(°C)	24	25	26	26	25
Cloud Cover(/octa)	8	8	8	7	8
RH Max (%)	85	81	76	77	76
RH Min (%)	47	42	43	46	48
Wind Speed (Kmph)	9	9	9	8	11
Wind Direction (deg)	199	169	245	245	257

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. 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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 33-37°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-79% and 39-53% respectively. There will be partly cloudy to overcast sky for next 5 days. Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	7	3	7	43	34
T-Max(°C)	33	35	37	37	36
T-Min(°C)	26	27	28	29	28
Cloud Cover(octa)	8	8	7	7	8
RH Max (%)	79	74	70	70	64
RH Min (%)	53	48	40	39	44
Wind Speed(Kmph)	22	20	17	20	20
Wind Direction(deg)	203	204	204	207	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

> Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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/litre 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.

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.
- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, leaf blight and vine rot is likely to appear in pointed gourd. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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



Bulletin No-102
Date-30.06.2020



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



Bulletin No-102
Date-30.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: **Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block.** The day temperature will 32-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 40-50% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	7	3	8	44	36
T-Max(°C)	32	34	36	36	36
T-Min(°C)	26	27	28	28	27
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	82	75	75	74	71
RH Min (%)	50	48	40	40	41
Wind Speed (Kmph)	21	17	13	14	17
Wind Direction (deg)	203	204	212	207	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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-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:

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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
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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 32-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 40-49% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	8	3	9	45	34
T-Max(°C)	32	34	36	36	35
T-Min(°C)	26	27	28	28	27
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	82	75	75	74	71
RH Min (%)	49	48	40	40	41
Wind Speed (Kmph)	21	17	13	14	17
Wind Direction (deg)	203	212	212	207	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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-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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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



Bulletin No-102
Date-30.06.2020



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



Bulletin No-102
Date-30.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. 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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 34-38°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 47-63% respectively. There will be partly cloudy to overcast sky for next 5 days. Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	8	3	9	44	33
T-Max(°C)	34	35	38	38	37
T-Min(°C)	29	30	31	31	30
Cloud Cover(octa)	8	8	7	6	8
RH Max (%)	81	78	75	75	67
RH Min (%)	63	58	47	48	50
Wind Speed (Kmph)	24	22	19	21	23
Wind Direction (deg)	203	204	203	207	206

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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-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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition



Bulletin No-102
Date-30.06.2020

The district received 34mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 79-70%. **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: 01st July 2020 to 05th July 2020

General advisory: Light to moderate rainfall for upcoming 3 days and heavy rainfall for Wednesday and Thursday in the block. The day temperature will 34-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-83% and 41-47% respectively. There will be partly cloudy to overcast sky for next 5 days. **Farmers should postpone irrigation to the crops as rain is realized and forecasted. Make arrangement to drain out water from arhar and maize crop fields, rice and vegetable nursery beds which are already sown.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/07/2020	02/07/2020	03/07/2020	04/07/2020	05/07/2020
Rainfall(mm)	4	3	8	43	35
T-Max(°C)	34	35	37	36	35
T-Min(°C)	25	26	27	27	25
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	83	79	75	74	77
RH Min (%)	45	42	41	43	47
Wind Speed (Kmph)	15	12	12	12	12
Wind Direction (deg)	203	212	225	212	270

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 normal (-19%) rainfall then actual in between 1st June to 30th June. So, its optimum time for sowing of rice in nursery beds also Farmers are advised to open the drainage channels in nurse beds as heavy rainfall is forecasted.

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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

➤ **Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.**

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.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.

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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