



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



Bulletin No-99
Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 41-51% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall (mm)	4	8	10	3	0
T-Max (°C)	35	33	33	30	31
T-Min (°C)	25	25	24	24	23
Cloud Cover (octa)	6	7	6	7	7
RH Max (%)	76	77	81	85	83
RH Min (%)	41	41	45	51	50
Wind Speed (kmph)	12	9	10	14	19
Wind Direction (deg)	203	300	158	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent 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.

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-99
Date-19.06.2020

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

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. **According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.**

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 40-52% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	9	11	2	0
T-Max(°C)	34	33	33	30	31
T-Min(°C)	25	24	24	23	23
Cloud Cover(octa)	6	8	6	6	6
RH Max (%)	74	77	80	84	84
RH Min (%)	43	40	43	52	49
Wind Speed (Kmph)	10	7	9	14	19
Wind Direction (deg)	203	304	169	158	158

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent 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.

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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Date-19.06.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-84% and 40-51% 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	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	7	10	2	0
T-Max(°C)	35	33	33	30	31
T-Min(°C)	25	25	24	23	23
Cloud Cover(octa)	6	8	6	7	6
RH Max (%)	74	73	79	84	82
RH Min (%)	42	40	43	51	48
Wind Speed (Kmph)	13	8	11	15	20
Wind Direction (deg)	203	304	160	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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 Azoxytrobins+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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxytrobins+Tebuconazole @0.6g/litre of water at 10 days interval.

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 BANKI- DAMPARA

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 31-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-84% and 40-51% 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	20/06/2020	21/06/2020	22/06/2020	23/06/2020
Rainfall(mm)	3	7	10	2	0
T-Max(°C)	35	33	33	31	31
T-Min(°C)	25	25	24	23	23
Cloud Cover(octa)	6	8	6	7	6
RH Max (%)	74	73	79	84	82
RH Min (%)	42	40	43	51	49
Wind Speed (Kmph)	13	8	11	15	19
Wind Direction (deg)	203	304	160	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

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- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
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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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E-mail: kykcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

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Forecasted period: 20th June 2020 to 24th June 2020

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Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	2	8	9	2	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	26	26	25	25	24
Cloud Cover	6	7	6	6	7
RH Max (%)	72	70	80	82	82
RH Min (%)	40	39	40	50	49
Wind Speed (Kmph)	16	11	12	16	19
Wind Direction (deg)	203	207	162	158	159

Agromet Advisory

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VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

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



Bulletin No-99
Date-19.06.2020

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

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 31-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-83% and 39-50% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	8	9	3	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	26	26	25	25	24
Cloud Cover(octa)	6	6	6	6	7
RH Max (%)	73	73	82	83	82
RH Min (%)	39	40	41	50	49
Wind Speed (Kmph)	15	11	11	15	19
Wind Direction (deg)	203	285	158	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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 Azoxytrobin+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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxytrobin+Tebuconazole @ 0.6g/litre of water at 10 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
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Date-19.06.2020

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

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-80% and 39-51% 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)				
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	2	7	10	3	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	27	27	26	26	25
Cloud Cover(octa)	7	7	6	6	7
RH Max (%)	71	68	79	79	80
RH Min (%)	40	39	39	49	51
Wind Speed (Kmph)	17	12	14	17	20
Wind Direction (deg)	204	225	167	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent 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.

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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Date-19.06.2020

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

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-81% and 39-52% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	7	9	2	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	27	26	25	25	25
Cloud Cover(octal)	7	6	6	6	7
RH Max (%)	73	71	81	81	81
RH Min (%)	39	40	41	50	52
Wind Speed (Kmph)	16	11	13	17	19
Wind Direction (deg)	204	203	162	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent 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.

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

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 39-53% 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)				
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	2	10	12	4	0
T-Max(°C)	34	33	33	31	30
T-Min(°C)	25	23	23	23	23
Cloud Cover(/octa)	5	7	7	6	6
RH Max (%)	73	81	83	86	86
RH Min (%)	44	39	44	53	51
Wind Speed (Kmph)	7	6	6	10	15
Wind Direction (deg)	207	293	195	153	158

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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 Azoxytrobins+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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- After recent rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxytrobins+Tebuconazole @0.6g/litre of water at 10 days interval.

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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DISTRICT AGROMET UNIT
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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-99
Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. **According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.**

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-80% and 40-54% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	6	9	2	0
T-Max(°C)	34	34	34	32	30
T-Min(°C)	27	27	26	26	25
Cloud Cover(octa)	7	7	6	5	7
RH Max (%)	71	67	78	79	80
RH Min (%)	42	40	40	49	54
Wind Speed(Kmph)	18	13	16	18	21
Wind Direction(deg)	207	236	167	158	167

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosac 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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- After recent 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.

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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(Nodal officer)

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Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-81% and 39-52% 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	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	7	8	2	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	27	27	25	26	25
Cloud Cover(octa)	7	6	6	6	7
RH Max (%)	72	70	81	80	81
RH Min (%)	39	39	41	50	52
Wind Speed (Kmph)	16	11	14	17	20
Wind Direction (deg)	204	210	167	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- After recent 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.

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-99
Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will be 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-81% and 39-51% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	3	8	9	3	0
T-Max(°C)	35	34	34	31	31
T-Min(°C)	27	27	25	25	25
Cloud Cover(octa)	6	6	6	6	7
RH Max (%)	72	71	81	81	81
RH Min (%)	39	39	41	50	51
Wind Speed (Kmph)	16	11	13	17	19
Wind Direction (deg)	203	206	162	158	159

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- After recent 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.

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-99
Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 34-37°C and night temperature will be 30-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-82% and 48-63% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Date	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	4	8	9	2	0
T-Max(°C)	36	37	37	35	34
T-Min(°C)	30	31	30	30	30
Cloud Cover(octa)	7	7	5	6	7
RH Max (%)	76	72	81	80	82
RH Min (%)	49	48	49	60	63
Wind Speed (Kmph)	19	18	19	21	23
Wind Direction (deg)	204	207	167	162	180

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- After recent 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.

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



Bulletin No-99
Date-19.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 57mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Relative humidity of the district was around 93-85%. According to NDVI map (10.06.2020 to 16.06.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 17June 2020), mildly wet condition was there.

Forecasted period: 20th June 2020 to 24th June 2020

General advisory: Light to moderate rainfall for upcoming 4 days with one sunny day on Tuesday in the block. The day temperature will 30-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 41-52% 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)				
	20/06/2020	21/06/2020	22/06/2020	23/06/2020	24/06/2020
Rainfall(mm)	5	8	9	3	0
T-Max(°C)	35	33	33	30	31
T-Min(°C)	25	24	24	23	23
Cloud Cover(octa)	6	7	6	7	6
RH Max (%)	76	79	81	86	84
RH Min (%)	43	41	44	52	50
Wind Speed (Kmph)	11	8	9	14	19
Wind Direction (deg)	203	326	155	158	158

Agromet Advisory

General Advisory: According to SPI (21st May to 17th June) mild wet condition is there and according to NDVI map (10-16th June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 30% excess rainfall then normal in between 1st June to 18th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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 has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

VEGETABLES: Chances of light to moderate rainfall during next four days, so make arrangement for drain out excess water from vegetables field.

- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- After recent 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.

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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