



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



Bulletin No-100  
Date-22.06.2020

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**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 45-51% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall (mm)	3	2	1	6	2
T-Max (°C)	33	33	33	33	33
T-Min (°C)	25	25	25	25	24
Cloud Cover (octa)	5	6	6	7	8
RH Max (%)	76	84	81	82	83
RH Min (%)	50	45	51	49	47
Wind Speed (kmph)	16	19	22	20	19
Wind Direction (deg)	167	162	203	203	201

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

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

**District Past week weather condition**

**The district received 23mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. **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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory: Trace to very light rainfall for upcoming 5 days in the block.** The day temperature will 32-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 45-52% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	2	2	6	3
T-Max(°C)	32	33	33	32	33
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	6	6	6	7	8
RH Max (%)	78	85	81	83	84
RH Min (%)	52	45	52	49	48
Wind Speed (Kmph)	14	17	19	17	16
Wind Direction (deg)	180	162	198	203	198

**Agromet Advisory**

**General Advisory: According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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 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 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**  
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Bulletin No-100  
Date-22.06.2020

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

District Past week weather condition

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 44-51% 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	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	2	1	5	2
T-Max(°C)	32	33	33	33	33
T-Min(°C)	25	25	24	24	24
Cloud Cover(octa)	5	6	6	7	8
RH Max (%)	75	83	80	81	82
RH Min (%)	50	44	51	50	49
Wind Speed (Kmph)	17	20	22	20	19
Wind Direction (deg)	193	167	203	203	198

Agromet Advisory

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:** 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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**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 44-52% 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	23/06/2020	24/06/2020	25/06/2020	26/06/2020
Rainfall(mm)	2	1	1	5	2
T-Max(°C)	32	33	33	32	33
T-Min(°C)	25	25	24	24	24
Cloud Cover(octa)	5	6	6	7	8
RH Max (%)	75	83	80	81	82
RH Min (%)	50	44	52	51	49
Wind Speed (Kmph)	17	20	22	20	19
Wind Direction (deg)	193	167	203	203	201

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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.
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**AGROMET ADVISORY BULLETIN FOR BARANGA**

**District Past week weather condition**

**The district received 23mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. **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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory: Trace to very light rainfall for upcoming 5 days in the block.** The day temperature will 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-81% and 43-50% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	2	1	3	2
T-Max(°C)	33	33	33	33	33
T-Min(°C)	26	26	25	25	25
Cloud Cover	5	6	6	7	7
RH Max (%)	73	81	79	80	80
RH Min (%)	45	43	49	50	45
Wind Speed (Kmph)	18	21	23	22	22
Wind Direction (deg)	193	193	203	203	203

**Agromet Advisory**

**General Advisory: According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> June. So**

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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:**

**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



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



Bulletin No-100  
Date-22.06.2020

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-82% and 44-50% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	2	1	5	2
T-Max(°C)	33	33	33	33	33
T-Min(°C)	26	26	25	25	25
Cloud Cover(octa)	5	6	6	7	8
RH Max (%)	74	82	80	81	81
RH Min (%)	47	44	49	50	44
Wind Speed (Kmph)	17	20	22	21	21
Wind Direction (deg)	180	167	203	203	201

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June,2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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 Azoxytrobilin+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 Azoxytrobilin+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-100  
Date-22.06.2020

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR KANTAPADA**  
**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 43-50% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	2	1	1	2
T-Max(°C)	34	32	32	33	32
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	4	6	6	7	7
RH Max (%)	73	79	79	79	80
RH Min (%)	43	44	50	50	45
Wind Speed (Kmph)	19	21	23	22	22
Wind Direction (deg)	201	198	203	203	203

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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



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



Bulletin No-100  
Date-22.06.2020

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR MAHANGA**  
**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	1	1	5	2
T-Max(°C)	32	32	33	32	33
T-Min(°C)	26	26	25	25	26
Cloud Cover(octal)	5	6	7	8	8
RH Max (%)	75	80	80	81	80
RH Min (%)	47	46	49	51	43
Wind Speed (Kmph)	18	20	22	21	21
Wind Direction (deg)	159	180	203	203	203

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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)  
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**GRAMIN KRUSHI MAUSAM SEVA**  
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**DISTRICT AGROMET UNIT**  
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Bulletin No-100  
Date-22.06.2020

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

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 31-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 45-54% 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	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	1	3	7	4
T-Max(°C)	31	32	33	32	34
T-Min(°C)	24	24	24	23	23
Cloud Cover(/octa)	6	6	6	8	8
RH Max (%)	81	86	84	86	88
RH Min (%)	54	45	52	48	46
Wind Speed (Kmph)	10	11	13	11	11
Wind Direction (deg)	180	159	180	198	167

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

**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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**GRAMIN KRUSHI MAUSAM SEVA**  
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**DISTRICT AGROMET UNIT**  
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Bulletin No-100  
Date-22.06.2020

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**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

**The district received 23mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. **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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory: Trace to very light rainfall for upcoming 5 days in the block.** The day temperature will 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 43-53% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Date	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	3	2	1	3	2
T-Max(°C)	34	32	32	32	32
T-Min(°C)	27	26	26	26	25
Cloud Cover(octa)	4	6	7	7	7
RH Max (%)	73	79	79	79	80
RH Min (%)	43	46	53	52	47
Wind Speed(Kmph)	20	22	23	23	22
Wind Direction(deg)	203	201	203	203	203

**Agromet Advisory**

**General Advisory: According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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-100  
Date-22.06.2020

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

**The district received 23mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. **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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory: Trace to very light rainfall for upcoming 5 days in the block.** The day temperature will 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-80% and 44-51% 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	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	2	1	5	1
T-Max(°C)	33	32	33	32	33
T-Min(°C)	26	26	26	25	26
Cloud Cover(octa)	4	6	7	8	8
RH Max (%)	75	80	80	80	80
RH Min (%)	45	46	49	51	44
Wind Speed (Kmph)	19	21	22	22	21
Wind Direction (deg)	180	193	203	203	203

**Agromet Advisory**

**General Advisory: According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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**  
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Bulletin No-100  
Date-22.06.2020

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**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-80% and 43-51% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	2	1	5	1
T-Max(°C)	33	32	33	32	33
T-Min(°C)	26	26	26	25	26
Cloud Cover(octa)	5	6	7	8	8
RH Max (%)	75	80	80	80	80
RH Min (%)	46	45	49	51	43
Wind Speed (Kmph)	18	20	22	21	21
Wind Direction (deg)	180	193	203	203	203

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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)  
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Bulletin No-100  
Date-22.06.2020

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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 34-35°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-82% and 54-62% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Date	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	2	1	3	1
T-Max(°C)	35	35	34	35	34
T-Min(°C)	30	30	29	29	29
Cloud Cover(octa)	4	6	7	7	8
RH Max (%)	79	80	82	80	81
RH Min (%)	54	58	62	61	57
Wind Speed (Kmph)	24	24	24	24	23
Wind Direction (deg)	193	198	203	203	203

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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)

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Date-22.06.2020

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 23mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 82-89%. 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: 23<sup>th</sup> June 2020 to 27<sup>th</sup> June 2020**

**General advisory:** Trace to very light rainfall for upcoming 5 days in the block. The day temperature will 32-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-84% and 45-52% 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)				
	23/06/2020	24/06/2020	25/06/2020	26/06/2020	27/06/2020
Rainfall(mm)	2	2	1	6	3
T-Max(°C)	32	33	33	33	34
T-Min(°C)	25	25	24	24	23
Cloud Cover(octa)	6	6	6	7	8
RH Max (%)	77	84	81	82	84
RH Min (%)	52	45	51	48	48
Wind Speed (Kmph)	16	19	21	19	18
Wind Direction (deg)	180	162	203	203	198

**Agromet Advisory**

**General Advisory:** According to SPI (21<sup>st</sup> May to 17<sup>th</sup> June) mild wet condition is there and according to NDVI map (10-16<sup>th</sup> June, 2020), agriculture vigor is less in Cuttack district. In view of CSIR rainfall map Cuttack received 8% more rainfall than actual (normal) in between 1<sup>st</sup> June to 21<sup>st</sup> 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 m<sup>2</sup> 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 m<sup>2</sup> 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:**

- **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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