



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



Bulletin No-66
Date-25.02.2020

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

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 26-30°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-89% and 23-58% respectively. There will be mainly cloudy sky for today and after that partly cloudy sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Athagad				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall (mm)	35	0	0	0	0
T-Max (°C)	26	29	29	29	30
T-Min (°C)	18	19	18	18	20
Cloud Cover (octa)	5	1	0	1	2
RH Max (%)	89	70	83	89	82
RH Min (%)	58	33	23	34	32
Wind Speed (kmph)	8	7	8	8	9
Wind Direction (deg)	153	338	349	159	201

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 27-30°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-90% and 23-55% respectively. There will be mainly cloudy sky for today and after that clear to partly cloudy sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Badamba				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	39	0	0	0	0
T-Max(°C)	27	29	30	29	30
T-Min(°C)	18	18	17	17	18
Cloud Cover(octa)	5	1	0	0	2
RH Max (%)	83	70	67	90	80
RH Min (%)	55	31	23	32	32
Wind Speed (Kmph)	8	6	6	8	8
Wind Direction (deg)	158	338	15	162	198

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

Dr.Dilip Ranjan Sarangi
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E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 28-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-91% and 22-52% respectively. There will be mainly cloudy sky for today and after that clear to partly cloudy sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Banki				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	47	0	0	0	0
T-Max(°C)	28	29	30	29	30
T-Min(°C)	18	18	17	18	19
Cloud Cover(octa)	5	2	0	1	2
RH Max (%)	84	70	77	91	81
RH Min (%)	52	31	22	36	33
Wind Speed (Kmph)	9	7	6	9	10
Wind Direction (deg)	23	210	349	159	201

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfox WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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 (Nodal officer)

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



Bulletin No-64
Date-18.02.2020

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

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 27-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-91% and 22-53% respectively. There will be mainly cloudy sky for today and after that clear to partly cloudy sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Banki-Dampara				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	45	0	0	0	0
T-Max(°C)	27	29	30	29	30
T-Min(°C)	18	18	17	18	19
Cloud Cover(octa)	4	2	0	1	2
RH Max (%)	84	71	79	91	81
RH Min (%)	53	32	22	37	33
Wind Speed (Kmph)	9	7	6	9	10
Wind Direction (deg)	23	210	342	159	201

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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Bulletin No-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BARANGA
District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 26-30°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-93% and 22-55% respectively. There will be mainly cloudy sky for today and after that clear to partly cloudy sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Baranga				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	48	0	0	0	0
T-Max(°C)	26	29	30	28	30
T-Min(°C)	19	20	19	19	21
Cloud Cover	5	2	0	1	2
RH Max (%)	89	77	93	89	83
RH Min (%)	55	33	22	43	35
Wind Speed (Kmph)	9	7	7	9	10
Wind Direction (deg)	23	341	338	167	201

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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 (Nodal officer)

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SMS (Agrometeorology)
Contact No-9861445080/7008453427



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Bulletin No-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 22-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-95% and 18-62% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. *Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.*

Block	Cuttack sadar				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	35	0	0	0	0
T-Max(°C)	22	29	29	30	31
T-Min(°C)	18	19	18	19	19
Cloud Cover(octa)	5	0	0	0	0
RH Max (%)	95	81	66	90	84
RH Min (%)	62	27	18	25	26
Wind Speed (Kmph)	8	8	9	8	9
Wind Direction (deg)	342	300	338	135	171

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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Bulletin No-66
Date-25.02.2020

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

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 26-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-91% and 17-44% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Kantapada				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	32	0	0	0	0
T-Max(°C)	26	29	31	30	30
T-Min(°C)	19	19	18	20	20
Cloud Cover(octa)	5	1	0	0	0
RH Max (%)	91	85	70	88	83
RH Min (%)	44	29	17	30	30
Wind Speed (Kmph)	10	8	8	8	10
Wind Direction (deg)	108	293	297	150	165

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

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

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 22-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-94% and 19-62% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Mahanga				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	37	0	0	0	0
T-Max(°C)	22	29	30	30	31
T-Min(°C)	17	19	18	19	19
Cloud Cover(octal)	5	0	0	0	0
RH Max (%)	94	86	81	87	83
RH Min (%)	62	30	19	32	29
Wind Speed (Kmph)	8	8	7	9	9
Wind Direction (deg)	349	293	300	124	165

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 24-31°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-96% and 21-61% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Narasinghpur				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	30	0	0	0	0
T-Max(°C)	24	29	29	31	31
T-Min(°C)	15	15	15	16	16
Cloud Cover(/octa)	5	0	0	0	0
RH Max (%)	96	71	41	95	81
RH Min (%)	61	25	21	22	26
Wind Speed (Kmph)	4	7	6	6	6
Wind Direction (deg)	113	298	315	150	162

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

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

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today and light rainfall will likely to be on tomorrow after that dry weather will likely to prevail in the block for next 3 days. The day temperature will 27-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 20-44% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Niali				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	38	2	0	0	0
T-Max(°C)	27	30	31	30	30
T-Min(°C)	19	19	18	20	20
Cloud Cover(octa)	5	1	0	0	0
RH Max (%)	90	86	80	86	82
RH Min (%)	44	32	20	37	32
Wind Speed (Kmph)	9	9	7	9	10
Wind Direction (deg)	23	203	203	158	165

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lambda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 23-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-93% and 18-58% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. *Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.*

Block	Nischintakoili				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	32	0	0	0	0
T-Max(°C)	23	29	30	30	31
T-Min(°C)	18	19	18	19	19
Cloud Cover(octa)	5	0	0	0	0
RH Max (%)	93	86	78	87	83
RH Min (%)	58	30	18	33	29
Wind Speed (Kmph)	9	8	7	9	9
Wind Direction (deg)	342	288	270	124	165

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 22-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-93% and 18-59% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. *Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.*

Block	Salepur				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	33	0	0	0	0
T-Max(°C)	22	29	30	30	31
T-Min(°C)	18	19	18	19	19
Cloud Cover(octa)	5	0	0	0	0
RH Max (%)	93	85	76	87	84
RH Min (%)	59	29	18	31	28
Wind Speed (Kmph)	9	8	8	9	9
Wind Direction (deg)	342	288	300	124	165

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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)



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Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today and light rainfall will likely to be on tomorrow after that dry weather will likely to prevail in the block for next 3 days. The day temperature will 28-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 36-50% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. *Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.*

Block	Tangi-Choudwar				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	31	2	0	0	0
T-Max(°C)	28	31	31	30	31
T-Min(°C)	19	19	18	19	19
Cloud Cover(octa)	5	0	0	0	0
RH Max (%)	86	85	86	83	80
RH Min (%)	48	45	36	50	39
Wind Speed (Kmph)	11	12	11	11	11
Wind Direction (deg)	113	203	206	158	161

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

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-66
Date-25.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 16°C, respectively. Relative humidity of the district was around 48-84%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19 February2020), mildly wet condition was there.*

Forecasted period: 26th February 2020 to 01st March 2020

General Advisory: Heavy rainfall is forecasted for today after that dry weather will likely to prevail in the block for next 4days. The day temperature will 22-31°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-96% and 20-68% respectively. There will be mainly cloudy sky for today and after that clear sky for next 4 days. **Today as there is heavy rainfall forecasted, farmers should stop their fertilizer and pesticide application and from tomorrow they will resume the activity. Farmers should drain out excess water from the field and store in water harvesting structure for future purpose.**

Block	Tigiria				
	26/02/2020	27/02/2020	28/02/2020	29/02/2020	01/03/2020
Rainfall(mm)	35	0	0	0	0
T-Max(°C)	22	29	29	30	31
T-Min(°C)	16	17	17	18	18
Cloud Cover(octa)	5	0	0	0	0
RH Max (%)	96	74	54	93	84
RH Min (%)	68	26	20	23	26
Wind Speed (Kmph)	6	8	7	8	9
Wind Direction (deg)	68	326	11	161	159

Agromet Advisory

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Avoid intercultural operations, spraying and fertilization on today.
- Store & utilize the rain water for transplanting of summer rice.
- Keep watch on the **fruit borer** infestation in developing heads of cabbage and cauliflower.
- Rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- After rain, **hairy caterpillar** problem may arise in Groundnut and Sunflower. Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- The rain may aggravate **wilt** disease in Bean, Tomato, Brinjal and Cowpea. Following integrated disease management practices should be followed.
 1. Drain out excess water from the fields soon.
 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
 3. Avoid excess application of nitrogenous fertilizers.
 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In pulses Cold and cloudy weather favours the infestation of **powdery mildew** in pulses. Spray 1 kg Sulfex WP in 200 litre per acre. Cloudy weather favours the infestation of **aphids** Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area.
- **Aphid** infestation may occur in oilseed crops like mustard, sunflower, groundnut, etc. pulses like greengram, blackgram and vegetables. Spray 40 g Thiomethoxam or 50ml Imidacloprid or 50g Acetamiprid per 200 liter of water.
- **Leaf blight** infestation may also occur in the above crops. To control the disease, spray 2g Carbendazim or 1.5g Carbendazim + Mancozeb mix with one litre of water.
- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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