



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



Bulletin No-61
Date-07.02.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 19-29°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-87% and 24-64% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.

Block	Athagad				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall (mm)	13	4	1	0	0
T-Max (°C)	23	19	22	25	29
T-Min (°C)	15	14	14	15	15
Cloud Cover (octa)	7	6	2	0	0
RH Max (%)	85	87	73	63	71
RH Min (%)	64	58	48	26	24
Wind Speed (kmph)	10	8	5	6	5
Wind Direction (deg)	90	347	63	15	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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-29°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-90% and 26-65% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. **As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.**

Block	Badamba				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	15	6	1	0	0
T-Max(°C)	24	18	22	26	29
T-Min(°C)	14	13	13	14	14
Cloud Cover(octa)	7	6	2	0	0
RH Max (%)	84	90	81	72	73
RH Min (%)	64	65	55	29	26
Wind Speed (Kmph)	10	7	4	5	4
Wind Direction (deg)	77	349	338	23	124

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 19-29°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-89% and 24-62% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. **As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.**

Block	Banki				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	14	5	0	0	0
T-Max(°C)	23	19	22	26	29
T-Min(°C)	14	13	13	14	14
Cloud Cover(octa)	7	6	2	0	0
RH Max (%)	83	89	79	69	73
RH Min (%)	62	60	50	27	24
Wind Speed (Kmph)	11	8	5	5	4
Wind Direction (deg)	77	347	341	45	154

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 19-29°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 24-62% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. **As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.**

Block	Banki-Dampara				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Date	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	14	5	0	0	0
T-Max(°C)	24	19	22	26	29
T-Min(°C)	14	13	13	14	14
Cloud Cover(octa)	6	6	2	0	0
RH Max (%)	83	88	78	68	73
RH Min (%)	62	60	50	26	24
Wind Speed (Kmph)	11	9	5	5	4
Wind Direction (deg)	79	347	341	23	158

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-28°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-84% and 22-59% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.

Block	Baranga				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	14	3	0	0	0
T-Max(°C)	24	18	22	26	28
T-Min(°C)	15	14	14	15	15
Cloud Cover	6	6	2	0	0
RH Max (%)	84	81	68	62	70
RH Min (%)	59	58	44	22	23
Wind Speed (Kmph)	12	11	8	6	5
Wind Direction (deg)	90	13	11	349	293

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-28°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-84% and 23-62% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. **As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.**

Block	Cuttack sadar				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	13	4	0	0	0
T-Max(°C)	23	18	22	25	28
T-Min(°C)	15	15	15	15	16
Cloud Cover(octa)	6	7	2	0	0
RH Max (%)	84	81	68	59	68
RH Min (%)	62	57	44	23	23
Wind Speed (Kmph)	12	10	7	7	5
Wind Direction (deg)	64	13	360	349	293

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 20-28°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-83% and 22-57% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. *light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.*

Block	Kantapada				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	12	3	0	0	0
T-Max(°C)	25	20	22	26	28
T-Min(°C)	16	15	15	15	16
Cloud Cover(octa)	6	6	2	0	0
RH Max (%)	83	77	60	64	70
RH Min (%)	55	57	41	22	23
Wind Speed (Kmph)	13	12	9	7	6
Wind Direction (deg)	90	19	11	108	113

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-27°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-83% and 23-64% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.

Block	Mahanga				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	13	3	0	0	0
T-Max(°C)	23	18	23	25	27
T-Min(°C)	15	15	14	15	16
Cloud Cover(octal)	6	7	2	0	0
RH Max (%)	83	78	63	56	62
RH Min (%)	64	61	41	23	24
Wind Speed (Kmph)	14	11	8	8	7
Wind Direction (deg)	45	13	23	45	23

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 16-29°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-93% and 27-74% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.

Block	Narasinghpur				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	15	6	1	0	0
T-Max(°C)	24	16	21	26	29
T-Min(°C)	14	12	13	14	14
Cloud Cover(/octa)	7	6	2	0	0
RH Max (%)	88	93	83	74	72
RH Min (%)	63	74	59	30	27
Wind Speed (Kmph)	8	5	3	3	3
Wind Direction (deg)	77	11	341	30	158

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days.

The day temperature will 22-28°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-82% and 23-57% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. *As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.*

Block	Niali				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	12	4	0	0	0
T-Max(°C)	26	22	22	26	28
T-Min(°C)	16	14	14	15	15
Cloud Cover(octa)	6	5	2	0	0
RH Max (%)	82	75	55	66	71
RH Min (%)	53	57	39	23	24
Wind Speed (Kmph)	14	13	10	8	7
Wind Direction (deg)	90	19	11	108	79

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-9861445080/70084534227



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



Bulletin No-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 19-27°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-83% and 23-60% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. **As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.**

Block	Nischintakoili				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	13	3	0	0	0
T-Max(°C)	23	19	23	25	27
T-Min(°C)	16	15	14	15	16
Cloud Cover(octa)	6	7	2	0	0
RH Max (%)	83	76	61	58	63
RH Min (%)	60	58	40	23	23
Wind Speed (Kmph)	14	12	8	8	7
Wind Direction (deg)	56	18	11	45	23

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-27°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-83% and 22-61% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. *As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.*

Block	Salepur				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	13	4	0	0	0
T-Max(°C)	23	18	23	25	27
T-Min(°C)	16	15	15	16	16
Cloud Cover(octa)	6	7	2	0	0
RH Max (%)	83	76	62	57	64
RH Min (%)	61	59	40	22	23
Wind Speed (Kmph)	13	12	8	7	6
Wind Direction (deg)	56	18	360	45	23

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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-61
Date-07.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 23-27°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-82% and 30-58% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. *As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.*

Block	Tangi-Choudwar				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	12	3	0	0	0
T-Max(°C)	26	23	23	26	27
T-Min(°C)	16	15	14	15	15
Cloud Cover(octa)	6	5	2	0	0
RH Max (%)	82	73	56	61	65
RH Min (%)	52	58	44	31	30
Wind Speed (Kmph)	16	15	12	12	10
Wind Direction (deg)	45	13	18	75	108

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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)

E-mail: kvkcuttack@gmail.com



Bulletin No-61
Date-07.02.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 12 mm rainfall during the last week. Relative humidity of the district was around 69-86%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 08th February 2020 to 12th February 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that the weather will remain dry for next 3 days. The day temperature will 18-29°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-89% and 25-65% respectively. There will be overcast sky for today and tomorrow and after that sky will be clear. *As light to moderate rainfall is forecasted, farmers should pause their insecticide and fertilizer application and irrigation activity in rabi pulses and vegetables up to tomorrow. Farmers should drain out excess water from the field and they should store the water in water harvesting structure for future use.*

Block	Tigiria				
	08/02/2020	09/02/2020	10/02/2020	11/02/2020	12/02/2020
Rainfall(mm)	14	5	1	0	0
T-Max(°C)	23	18	22	26	29
T-Min(°C)	15	13	13	14	14
Cloud Cover(octa)	7	7	2	0	0
RH Max (%)	85	89	76	67	72
RH Min (%)	65	63	52	28	25
Wind Speed (Kmph)	10	7	5	5	4
Wind Direction (deg)	79	349	338	360	153

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 till Saturday.
- Store & utilize the rain water for transplanting of summer rice.
- Harvest the matured vegetable crops like cauliflower, cabbage, tomato etc. soon.
- Rain may reduce the market value of flowers like marigold, rose and chrysanthemum. These flowers should be plucked.
- 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