



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



Bulletin No-69
Date-06.03.2020

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

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 27-32°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 21-55% respectively. There will partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Athagad				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Date	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall (mm)	12	10	0	0	2
T-Max (°C)	27	28	31	32	31
T-Min (°C)	21	21	22	20	21
Cloud Cover (octa)	3	1	2	0	3
RH Max (%)	91	95	86	90	88
RH Min (%)	55	51	28	21	32
Wind Speed (kmph)	13	14	7	9	15
Wind Direction (deg)	160	167	288	150	162

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 28-32°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-93% and 21-54% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Badamba				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	14	12	0	0	2
T-Max(°C)	28	28	31	32	31
T-Min(°C)	20	20	21	20	20
Cloud Cover(octa)	2	1	2	0	2
RH Max (%)	91	93	80	86	86
RH Min (%)	54	48	31	21	33
Wind Speed (Kmph)	15	12	6	8	14
Wind Direction (deg)	160	180	203	150	162

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR BANKI
District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February 2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 28-32°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 23-52% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Banki				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	11	9	0	0	2
T-Max(°C)	28	28	32	32	31
T-Min(°C)	21	20	22	20	21
Cloud Cover(octa)	2	1	2	1	2
RH Max (%)	90	94	85	89	87
RH Min (%)	52	51	29	23	34
Wind Speed (Kmph)	16	15	7	9	17
Wind Direction (deg)	167	167	206	155	180

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR
BANKI- DAMPARA

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 28-33°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-94% and 23-52% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Banki-Dampara				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	11	8	0	0	1
T-Max(°C)	28	28	32	33	31
T-Min(°C)	21	21	22	20	21
Cloud Cover(octa)	2	1	1	1	2
RH Max (%)	90	94	86	89	87
RH Min (%)	52	51	29	23	33
Wind Speed (Kmph)	16	15	7	9	16
Wind Direction (deg)	167	167	206	158	180

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

• **After Rain**

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 29-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 29-50% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Baranga				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	12	8	0	0	2
T-Max(°C)	29	30	32	32	31
T-Min(°C)	21	22	22	21	22
Cloud Cover	1	1	2	1	2
RH Max (%)	92	95	89	92	89
RH Min (%)	50	50	30	29	33
Wind Speed (Kmph)	12	16	9	9	16
Wind Direction (deg)	167	201	225	160	201

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 27-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-95% and 24-56% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Cuttack sadar				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	12	9	0	0	2
T-Max(°C)	27	29	32	32	31
T-Min(°C)	21	22	22	21	22
Cloud Cover(octa)	2	1	2	0	3
RH Max (%)	93	95	90	90	88
RH Min (%)	56	49	29	24	32
Wind Speed (Kmph)	10	15	8	10	15
Wind Direction (deg)	163	198	214	160	193

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

• **After Rain**

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 30-33°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 32-48% respectively. There will be partly cloudy to clear sky for next 5 days.

As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.

Block	Kantapada				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	8	6	0	0	1
T-Max(°C)	30	30	33	33	31
T-Min(°C)	21	22	22	21	22
Cloud Cover(octa)	1	1	1	1	2
RH Max (%)	92	95	89	93	91
RH Min (%)	46	48	32	38	34
Wind Speed (Kmph)	13	16	11	9	15
Wind Direction (deg)	167	201	216	161	201

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

• After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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DISTRICT AGROMET UNIT
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February 2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 28-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 28-63% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Mahanga				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	11	8	0	0	1
T-Max(°C)	28	30	32	31	31
T-Min(°C)	21	22	22	21	22
Cloud Cover(octal)	3	1	2	0	4
RH Max (%)	93	93	91	89	87
RH Min (%)	63	49	33	28	33
Wind Speed (Kmph)	10	15	9	9	13
Wind Direction (deg)	162	198	207	195	193

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February 2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 27-32°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 19-49% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Narasinghpur				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	15	9	0	0	3
T-Max(°C)	27	29	32	32	30
T-Min(°C)	19	19	20	19	19
Cloud Cover(/octa)	3	2	2	0	2
RH Max (%)	95	93	68	84	86
RH Min (%)	49	42	32	19	33
Wind Speed (Kmph)	11	7	4	6	9
Wind Direction (deg)	160	195	236	154	158

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR NIALI
District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 30-33°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-94% and 36-49% respectively. There will be partly cloudy to clear sky for next 5 days.

As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.

Block	Niali				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	9	7	0	0	1
T-Max(°C)	31	30	33	33	31
T-Min(°C)	21	22	22	20	21
Cloud Cover(octa)	1	1	1	1	2
RH Max (%)	90	94	90	93	91
RH Min (%)	47	49	36	42	38
Wind Speed (Kmph)	15	16	12	10	15
Wind Direction (deg)	167	201	225	198	201

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 29-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 31-56% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Nischintakoili				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	10	9	0	0	2
T-Max(°C)	29	30	32	32	31
T-Min(°C)	21	22	22	21	22
Cloud Cover(octa)	2	1	2	1	4
RH Max (%)	93	93	91	90	87
RH Min (%)	56	48	34	31	34
Wind Speed (Kmph)	10	15	9	9	14
Wind Direction (deg)	162	201	210	195	193

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light to moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 29-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 29-57% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Salepur				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	12	8	0	0	1
T-Max(°C)	29	30	32	32	31
T-Min(°C)	21	22	22	21	22
Cloud Cover(octa)	2	1	2	0	3
RH Max (%)	93	94	91	90	87
RH Min (%)	57	48	34	29	34
Wind Speed (Kmph)	10	15	9	9	14
Wind Direction (deg)	163	201	225	195	198

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Light rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 30-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 45-56% respectively. There will be partly cloudy to clear sky for next 5 days.

As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.

Block	Tangi-Choudwar				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	9	7	0	0	2
T-Max(°C)	31	30	34	33	31
T-Min(°C)	21	21	21	20	21
Cloud Cover(octa)	1	1	1	1	2
RH Max (%)	88	92	90	89	87
RH Min (%)	56	54	45	48	46
Wind Speed (Kmph)	16	17	15	11	14
Wind Direction (deg)	167	201	225	193	198

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

After Rain

- 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 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr 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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per 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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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DISTRICT AGROMET UNIT
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Bulletin No-69
Date-06.03.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 13 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 18°C, respectively. Relative humidity of the district was around 84-53%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-30 January 2020 to 26 February2020), moderately wet condition was there.*

Forecasted period: 07th March 2020 to 11th March 2020

General Advisory: Moderate rainfall is forecasted for today and tomorrow after that dry weather will prevail in the block up to next 2 days and again very light rain fall is forecasted on Tuesday. The day temperature will 27-32°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-95% and 21-55% respectively. There will be partly cloudy to clear sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Tigiria				
	07/03/2020	08/03/2020	09/03/2020	10/03/2020	11/03/2020
Rainfall(mm)	14	12	0	0	2
T-Max(°C)	27	28	31	32	31
T-Min(°C)	20	20	22	20	21
Cloud Cover(octa)	3	1	2	0	2
RH Max (%)	91	95	83	89	88
RH Min (%)	55	51	30	21	33
Wind Speed (Kmph)	14	13	6	9	14
Wind Direction (deg)	160	167	225	146	162

Agromet Advisory

Before rain

- Open drain and channels in vegetable and upland crops like Sunflower, groundnut, pulses to facilitate drainage of excess water.
- Keep the harvested greengram, black gram and vegetables like onion, garlic & potato in safer place to avoid sprouting.
- Avoid intercultural operations, spraying and fertilization up to Tuesday.
- Provide dry and clean shelter to the animals. Provide vaccination at regular interval

• **After Rain**

- 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.
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 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.
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 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.
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