



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



Bulletin No-67
Date-28.02.2020

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

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 29-32°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-82% and 21-25% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition, Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Athagad				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	30	31	32	31
T-Min (°C)	17	16	17	18	18
Cloud Cover (octa)	0	0	0	2	2
RH Max (%)	77	81	76	82	82
RH Min (%)	25	23	23	21	25
Wind Speed (kmph)	8	9	10	12	11
Wind Direction (deg)	158	162	193	189	206

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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



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Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 29-32°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-82% and 20-24% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Badamba				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	30	32	32
T-Min(°C)	16	15	16	17	18
Cloud Cover(octa)	0	0	1	2	2
RH Max (%)	80	80	70	81	82
RH Min (%)	20	24	23	21	23
Wind Speed (Kmph)	7	9	9	10	10
Wind Direction (deg)	162	193	198	197	225

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rained mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-67
Date-28.02.2020

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

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 29-32°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 22-25% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Banki				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	32	31
T-Min(°C)	16	16	16	17	18
Cloud Cover(octa)	0	0	1	1	2
RH Max (%)	79	82	75	84	83
RH Min (%)	23	25	25	22	25
Wind Speed (Kmph)	7	10	11	12	12
Wind Direction (deg)	158	180	198	189	207

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR
BANKI- DAMPARA

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 29-32°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 22-25% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Banki-Dampara				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	32	31
T-Min(°C)	16	16	16	17	18
Cloud Cover(octa)	0	0	0	1	2
RH Max (%)	79	82	76	84	83
RH Min (%)	23	25	25	22	25
Wind Speed (Kmph)	7	10	11	12	12
Wind Direction (deg)	150	167	198	180	207

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

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Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 25-34% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Baranga				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	30	31	31
T-Min(°C)	17	18	18	19	19
Cloud Cover	1	0	0	1	2
RH Max (%)	76	80	83	85	82
RH Min (%)	34	27	27	25	28
Wind Speed (Kmph)	9	10	12	14	14
Wind Direction (deg)	124	165	201	203	203

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-32°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 23-32% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Cuttack sadar				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	32	31
T-Min(°C)	17	18	18	19	19
Cloud Cover(octa)	1	0	0	1	2
RH Max (%)	75	80	81	83	82
RH Min (%)	32	25	25	23	28
Wind Speed (Kmph)	9	9	10	13	12
Wind Direction (deg)	146	180	201	198	203

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
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Groundnut:

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Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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 neem based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena

SMS (Agrometeorology)

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: **No rainfall is forecasted for upcoming five days.** The day temperature will **26-31°C** and night temperature will be **17-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 29-39% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Kantapada				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	28	29	31	31
T-Min(°C)	17	18	18	19	20
Cloud Cover(octa)	1	0	0	1	1
RH Max (%)	76	79	84	85	82
RH Min (%)	39	30	32	29	30
Wind Speed (Kmph)	9	10	12	14	16
Wind Direction (deg)	124	165	201	203	201

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rained mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@ 1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 26-39% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Mahanga				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	31	31
T-Min(°C)	17	18	18	19	19
Cloud Cover(octal)	1	0	0	1	1
RH Max (%)	74	78	80	86	82
RH Min (%)	39	28	27	26	30
Wind Speed (Kmph)	9	9	11	13	13
Wind Direction (deg)	146	158	199	206	191

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-67
Date-28.02.2020

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

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 30-32°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-85% and 20-23% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Narasinghpur				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	31	32	32
T-Min(°C)	15	15	16	17	17
Cloud Cover(/octa)	0	0	0	2	2
RH Max (%)	85	78	67	76	82
RH Min (%)	20	23	21	20	20
Wind Speed (Kmph)	5	6	6	6	8
Wind Direction (deg)	158	193	198	193	203

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 27-31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 32-41% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Niali				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	29	31	31
T-Min(°C)	17	18	18	19	20
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	76	78	83	86	83
RH Min (%)	41	33	35	32	33
Wind Speed (Kmph)	9	10	12	15	17
Wind Direction (deg)	146	165	201	204	203

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-86% and 27-41% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Nischintakoili				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	30	31	31
T-Min(°C)	17	18	18	19	20
Cloud Cover(octa)	1	0	0	1	1
RH Max (%)	75	79	82	86	82
RH Min (%)	41	28	28	27	30
Wind Speed (Kmph)	9	9	11	14	14
Wind Direction (deg)	146	158	199	203	191

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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 neem based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena

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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-85% and 27-40% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Salepur				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	30	31	31
T-Min(°C)	17	18	18	19	20
Cloud Cover(octa)	1	0	0	1	1
RH Max (%)	75	79	82	85	82
RH Min (%)	40	28	27	27	30
Wind Speed (Kmph)	9	9	11	13	13
Wind Direction (deg)	146	165	198	203	191

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- **Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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 neem based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 28-31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 39-46% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Tangi-Choudwar				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	31	31
T-Min(°C)	17	17	18	19	20
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	76	76	80	85	84
RH Min (%)	46	39	40	42	39
Wind Speed (Kmph)	10	11	13	16	18
Wind Direction (deg)	116	161	214	203	203

Agromet Advisory

Pulses:

- The crop is at pod formation to seed development (nine to twelve week) stage.
- Aphids and whitefly** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxylchloride or 800 g Dethane-M 45/acre in 200 litre water to control leaf blight disease. To control **powdery mildew**, spray 1 kg sulphur WP in 200 litre water per acre.

Groundnut:

- Due to abrupt rise and fall in temperature last week, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
 - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- The realized 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.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-67
Date-28.02.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 34 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 86-60%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23 January 2020 to 19February2020), mildly wet condition was there.*

Forecasted period: 29th February 2020 to 04th March 2020

General Advisory: No rainfall is forecasted for upcoming five days. The day temperature will 29-32°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 21-24% respectively. There will be clear to partly cloudy sky for next 5 days. *As rainfall was realized in the past week, Farmers should drain out excess water from their field and store the water in water harvesting structures for future purpose. Farmers should complete their disease and pest management activity in vegetables and crops in post rainy conditions as dry weather will likely to prevail in the block. At this present condition Farmers should prepare land and start sowing cucurbitaceous crop.*

Block	Tigiria				
	29/02/2020	01/03/2020	02/03/2020	03/03/2020	04/03/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	31	32	31
T-Min(°C)	16	16	17	18	18
Cloud Cover(octa)	0	0	1	2	2
RH Max (%)	78	80	73	81	82
RH Min (%)	23	23	23	21	24
Wind Speed (Kmph)	7	8	9	11	10
Wind Direction (deg)	162	162	193	197	205

Agromet Advisory

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- In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Oil Seeds:

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