



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



Bulletin No-68
Date-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 28-33°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-91% and 26-51% respectively. There will partly cloudy 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Athagad				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall (mm)	0	5	23	7	13
T-Max (°C)	33	32	32	29	28
T-Min (°C)	19	19	20	19	19
Cloud Cover (octa)	3	2	4	3	2
RH Max (%)	79	91	81	90	91
RH Min (%)	26	32	32	47	51
Wind Speed (kmph)	15	18	16	14	11
Wind Direction (deg)	193	193	193	162	199

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, 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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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Bulletin No-68
Date-03.03.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 29-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-93% and 24-48% respectively. There will be partly cloudy 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Badamba				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	7	15	10	17
T-Max(°C)	33	33	32	29	29
T-Min(°C)	18	18	19	19	18
Cloud Cover(octa)	3	2	4	3	1
RH Max (%)	82	93	80	91	90
RH Min (%)	24	31	30	47	48
Wind Speed (Kmph)	13	15	15	15	10
Wind Direction (deg)	180	201	180	167	180

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 Oxychloride 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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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-68
Date-03.03.2020

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

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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.*

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Block	Banki				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	13	5	12
T-Max(°C)	32	32	32	30	29
T-Min(°C)	19	19	20	19	19
Cloud Cover(octa)	2	2	4	3	2
RH Max (%)	83	92	80	89	89
RH Min (%)	27	33	32	46	51
Wind Speed (Kmph)	16	18	17	16	12
Wind Direction (deg)	193	201	180	167	197

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, 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.
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- 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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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-68
Date-03.03.2020

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AGROMET ADVISORY BULLETIN FOR
BANKI-DAMPARA

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map(19.02.2020 to 25.02.2020) 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.*

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Block	Banki-Dampara				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	12	6	12
T-Max(°C)	32	32	32	30	28
T-Min(°C)	19	19	20	19	19
Cloud Cover(octa)	2	2	4	3	2
RH Max (%)	82	92	80	89	89
RH Min (%)	27	33	32	46	51
Wind Speed (Kmph)	16	18	17	16	12
Wind Direction (deg)	193	201	180	167	199

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:

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 - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
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- 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45%sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

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Block	Baranga				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	1	7	15	10
T-Max(°C)	32	31	32	30	28
T-Min(°C)	20	20	21	20	20
Cloud Cover	2	2	4	3	3
RH Max (%)	81	88	80	89	90
RH Min (%)	30	33	36	44	55
Wind Speed (Kmph)	16	19	16	14	13
Wind Direction (deg)	193	203	198	167	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, 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.
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Vegetables:

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Animal husbandry:

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Date-03.03.2020

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map(19.02.2020 to 25.02.2020) 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.*

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Block	Cuttack sadar				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	12	13	11
T-Max(°C)	32	32	31	29	27
T-Min(°C)	20	20	21	20	20
Cloud Cover(octa)	2	2	4	4	3
RH Max (%)	80	88	81	90	91
RH Min (%)	29	32	36	46	54
Wind Speed (Kmph)	15	18	15	12	12
Wind Direction (deg)	193	201	193	162	203

Agromet Advisory

Pulses:

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Oil Seeds:

Mustard:

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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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. 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 79-89% and 33-53% respectively. There will be partly cloudy sky for next 4 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Kantapada				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	3	13	6
T-Max(°C)	32	30	31	31	28
T-Min(°C)	20	20	21	20	20
Cloud Cover(octa)	1	2	4	3	2
RH Max (%)	82	86	79	87	89
RH Min (%)	33	35	40	44	53
Wind Speed (Kmph)	16	18	17	15	15
Wind Direction (deg)	198	204	193	167	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:

- 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, 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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 27-32°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 30-55% respectively. There will be partly cloudy sky for next 4 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Mahanga				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	8	16	9
T-Max(°C)	32	31	31	29	27
T-Min(°C)	20	20	21	19	20
Cloud Cover(octal)	1	2	5	4	3
RH Max (%)	85	82	85	91	91
RH Min (%)	30	34	42	50	55
Wind Speed (Kmph)	14	16	14	12	13
Wind Direction (deg)	198	198	189	180	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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 28-34°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-94% and 20-45% respectively. There will be partly cloudy 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Narasinghpur				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	6	11	15	6
T-Max(°C)	34	32	31	28	29
T-Min(°C)	18	17	18	18	17
Cloud Cover(/octa)	3	2	4	3	1
RH Max (%)	82	94	82	93	90
RH Min (%)	20	29	28	45	44
Wind Speed (Kmph)	9	9	11	10	7
Wind Direction (deg)	193	198	189	163	169

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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

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

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 29-32°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 37-53% respectively. There will be partly cloudy sky for next 4 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Niali				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	7	18	4
T-Max(°C)	32	30	31	30	29
T-Min(°C)	20	20	21	20	20
Cloud Cover(octa)	0	2	3	3	1
RH Max (%)	83	84	79	86	88
RH Min (%)	37	37	43	46	53
Wind Speed (Kmph)	16	18	17	16	15
Wind Direction (deg)	198	204	180	180	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:

- 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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-68
Date-03.03.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. 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 83-90% and 31-54% respectively. There will be partly cloudy sky for next 4 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Nischintakoili				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	7	13	8
T-Max(°C)	32	31	31	30	28
T-Min(°C)	21	20	21	20	20
Cloud Cover(octa)	1	2	5	4	3
RH Max (%)	84	84	83	90	90
RH Min (%)	31	34	41	47	54
Wind Speed (Kmph)	14	17	15	11	14
Wind Direction (deg)	198	201	189	169	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, 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.
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- 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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 27-32°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 31-55% respectively. There will be partly cloudy 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Salepur				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	3	7	13	9
T-Max(°C)	32	31	31	30	27
T-Min(°C)	21	20	21	20	20
Cloud Cover(octa)	2	2	5	4	3
RH Max (%)	84	84	84	90	91
RH Min (%)	31	34	41	47	55
Wind Speed (Kmph)	14	17	15	11	13
Wind Direction (deg)	198	198	189	180	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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-68
Date-03.03.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 29-32°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 45-58% respectively. There will be partly cloudy sky for next 4 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.

Block	Tangi-Choudwar				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	2	8	12	6
T-Max(°C)	32	31	31	30	29
T-Min(°C)	20	20	21	20	20
Cloud Cover(octa)	0	3	4	3	1
RH Max (%)	82	83	80	83	87
RH Min (%)	45	45	48	54	58
Wind Speed (Kmph)	16	18	17	16	17
Wind Direction (deg)	201	206	193	162	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, 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.
- **Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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Bulletin No-68
Date-03.03.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 31 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 17°C, respectively. Relative humidity of the district was around 88-65%. *According to NDVI map (19.02.2020 to 25.02.2020) 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: 04th March 2020 to 08th March 2020

General Advisory: Light to moderate rainfall is forecasted for upcoming four days. The day temperature will 28-33°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-92% and 25-51% respectively. There will be partly cloudy 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. Farmers should harvest matured green gram, black gram and other vegetables before Wednesday.*

Block	Tigiria				
	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall(mm)	0	9	24	7	20
T-Max(°C)	33	33	32	29	28
T-Min(°C)	19	19	20	19	19
Cloud Cover(octa)	3	2	4	3	2
RH Max (%)	79	92	81	91	91
RH Min (%)	25	31	31	47	51
Wind Speed (Kmph)	14	17	16	15	11
Wind Direction (deg)	193	198	167	162	189

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, 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.
- Fruit and shoot borer in brinjal**- spray neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of spinosad 45%sc@70ml/acre and thiodicarb@300g/acre at 15 days interval. **Tomato**- in present weather condition, fruit borer, leaf eating caterpillar and leaf miner are major pest observed in the field. To control this pest, spray spinosad 45sc@80ml/acre with 200 litres of water.
- The forecasted 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 along with 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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