



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



Bulletin No-64
Date-18.02.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-93% and 10-24% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Athagad				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Date	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	30	31	32	32
T-Min (°C)	14	15	15	14	15
Cloud Cover (octa)	3	0	1	0	0
RH Max (%)	88	93	89	82	72
RH Min (%)	10	24	24	22	17
Wind Speed (kmph)	6	10	10	9	9
Wind Direction (deg)	342	167	162	171	167

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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-64
Date-18.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 31-32°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-93% and 09-24% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Badamba				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	32	32
T-Min(°C)	13	14	14	14	14
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	74	93	90	77	65
RH Min (%)	9	21	24	23	16
Wind Speed (Kmph)	5	9	10	9	9
Wind Direction (deg)	338	180	167	180	167

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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-18.02.2020

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AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-92% and 09-26% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Banki				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	31	31	32
T-Min(°C)	14	15	15	14	14
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	86	92	90	82	72
RH Min (%)	9	26	25	24	17
Wind Speed (Kmph)	6	11	10	9	9
Wind Direction (deg)	198	198	180	171	180

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyrifos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Date-18.02.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-92% and 09-27% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Banki-Dampara				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	30	31	32
T-Min(°C)	14	15	15	14	14
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	87	92	90	82	72
RH Min (%)	9	27	26	24	17
Wind Speed (Kmph)	6	11	10	9	9
Wind Direction (deg)	198	198	180	171	180

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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Date-18.02.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-95% and 11-32% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Baranga				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	31	32
T-Min(°C)	16	16	16	15	15
Cloud Cover	3	0	1	0	0
RH Max (%)	95	91	88	81	77
RH Min (%)	11	32	27	23	18
Wind Speed (Kmph)	7	11	10	9	10
Wind Direction (deg)	191	198	180	161	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
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- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-94% and 11-28% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. ***As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.***

Block	Cuttack sadar				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	30	31	32
T-Min(°C)	16	16	16	15	15
Cloud Cover(octa)	3	0	1	0	0
RH Max (%)	94	92	88	79	74
RH Min (%)	11	28	25	21	18
Wind Speed (Kmph)	6	10	10	9	10
Wind Direction (deg)	191	193	180	158	180

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
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Oil Seeds:

Mustard:

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Groundnut:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyrifos in 1 litre water for controlling white ant attack.

Vegetables:

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- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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(Nodal officer)

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



Bulletin No-64
Date-18.02.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 29-31°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-96% and 13-36% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Kantapada				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	29	29	31	31
T-Min(°C)	17	17	17	16	16
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	96	89	86	80	79
RH Min (%)	13	36	30	25	19
Wind Speed (Kmph)	7	12	10	9	10
Wind Direction (deg)	200	198	191	161	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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
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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-64
Date-18.02.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 16-29% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Mahanga				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	31	31	32
T-Min(°C)	16	16	17	16	16
Cloud Cover(octal)	2	0	2	0	0
RH Max (%)	95	91	82	74	68
RH Min (%)	16	29	27	23	20
Wind Speed (Kmph)	7	11	10	9	10
Wind Direction (deg)	203	198	180	158	158

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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-64
Date-18.02.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 31-32°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-96% and 10-22% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Narasinghpur				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	32
T-Min(°C)	12	14	13	13	14
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	51	96	89	68	55
RH Min (%)	10	15	22	22	16
Wind Speed (Kmph)	5	6	8	7	8
Wind Direction (deg)	338	193	159	162	162

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

Animal husbandry:

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-64
Date-18.02.2020

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AGROMET ADVISORY BULLETIN FOR NIALI
District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 29-31°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 17-39% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Niali				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	29	29	30	31
T-Min(°C)	17	17	17	16	16
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	95	87	85	81	80
RH Min (%)	17	39	33	28	21
Wind Speed (Kmph)	9	12	10	8	9
Wind Direction (deg)	200	198	193	161	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyrifhos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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-18.02.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-96% and 15-31% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Nischintakoili				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	30	31	32
T-Min(°C)	17	16	17	16	16
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	96	90	83	75	70
RH Min (%)	15	31	28	23	19
Wind Speed (Kmph)	8	11	10	9	10
Wind Direction (deg)	203	198	180	158	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyrifos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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Date-18.02.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-32°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-96% and 14-31% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Salepur				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	31	32
T-Min(°C)	17	16	17	16	16
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	96	91	84	75	71
RH Min (%)	14	31	27	23	19
Wind Speed (Kmph)	7	11	10	9	10
Wind Direction (deg)	203	198	191	158	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25% WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyrifos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Date-18.02.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-31°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-92% and 28-45% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Tangi-Choudwar				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	30	31
T-Min(°C)	17	17	17	16	16
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	92	81	80	75	71
RH Min (%)	32	45	41	37	28
Wind Speed (Kmph)	11	13	11	9	9
Wind Direction (deg)	193	191	161	158	161

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. 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
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Bulletin No-64
Date-18.02.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 15°C, respectively. Relative humidity of the district was around 51-75%. *According to NDVI map the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 19th February 2020 to 23rd February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 31-33°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-93% and 10-23% respectively. There will be partly cloudy sky for today and mainly clear sky for next 4 days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Tigiria				
	19/02/2020	20/02/2020	21/02/2020	22/02/2020	23/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	32	33
T-Min(°C)	14	15	15	14	14
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	81	93	90	80	68
RH Min (%)	10	22	23	22	17
Wind Speed (Kmph)	6	9	10	9	9
Wind Direction (deg)	342	162	162	160	167

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

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 mlDimethoate 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:

- For attack of **hairy caterpillar**, Spray Lamda cyhalothrin@1.5ml or Acephate@1.5g/litre of water to control it.
- Current moderate temperature favours **Thrips** infestation. Spray 400 ml Dimethoate or 50 ml Imidachloprid in 200 litre water per acre.
- **Tika** disease and **white ant** attack have occurred in rabi groundnut. Spray 500 g Blitox - 50 in 200 litre water per acre for Tika and spray 2 ml Chloropyriphos in 1 litre water for controlling white ant attack.

Vegetables:

- **Potato-** To control late blight in potato spray 800 ml Dimethoate with 2 Kg Dithane-M-45 in 500 litres of water thoroughly.
- **Cole crops-** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar (Spodoptera litura). To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre alternatively at 15 days interval.
- **Fruit and shoot borer in Brinjal** - Spray Neem based formulation 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
- **Beans and Cow pea-**Sucking pests like Aphid and white fly are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid [17.8SL@70ml/acre](#).

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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