



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



**Bulletin No-65**  
**Date-20.02.2020**

**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Light rainfall is forecasted for Monday. The day temperature will 31-33°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 19-27% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Athagad				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall (mm)	0	0	0	0	4
T-Max (°C)	32	32	31	32	33
T-Min (°C)	16	15	15	17	18
Cloud Cover (octa)	0	0	0	0	3
RH Max (%)	83	78	84	93	95
RH Min (%)	27	22	19	22	25
Wind Speed (kmph)	10	9	9	10	15
Wind Direction (deg)	156	159	153	159	199

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



**Bulletin No-65**  
**Date-20.02.2020**

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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Light rainfall is forecasted for Monday. The day temperature will 31-33°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 20-27% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Badamba				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	32	32	31	32	33
T-Min(°C)	15	14	14	15	17
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	85	80	83	92	95
RH Min (%)	27	23	20	21	25
Wind Speed (Kmph)	10	9	9	9	13
Wind Direction (deg)	161	159	153	160	124

**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-65**  
**Date-20.02.2020**

E-mail: kvkcuttack@gmail.com

**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 31-33°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-94% and 20-29% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. ***As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.***

Block	Banki				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	31	32	31	32	33
T-Min(°C)	15	14	14	16	17
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	84	80	85	91	94
RH Min (%)	29	23	20	22	26
Wind Speed (Kmph)	11	9	9	11	16
Wind Direction (deg)	161	158	153	162	203

**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)**  
**Contact No-9861445080/7008453427**



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**Bulletin No-65**  
**Date-20.02.2020**

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**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 31-32°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-94% and 20-30% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. ***As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.***

Block	Banki-Dampara				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	31	31	31	32	32
T-Min(°C)	16	14	14	16	18
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	84	80	84	91	94
RH Min (%)	30	23	20	22	27
Wind Speed (Kmph)	10	9	9	11	16
Wind Direction (deg)	161	158	153	162	203

**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)**

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**Bulletin No-65**  
**Date-20.02.2020**

**E-mail: kvkcuttack@gmail.com**  
**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 30-32°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-93% and 21-30% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Baranga				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	30	30	30	31	32
T-Min(°C)	17	16	16	18	19
Cloud Cover	0	0	0	0	2
RH Max (%)	81	76	84	93	92
RH Min (%)	30	24	21	24	30
Wind Speed (Kmph)	9	8	9	12	16
Wind Direction (deg)	163	158	120	180	195

**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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**(Nodal officer)**

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**Date-20.02.2020**

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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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 30-32°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-94% and 20-28% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Cuttack sadar				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	31	31	30	31	32
T-Min(°C)	17	16	16	18	19
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	81	75	83	94	94
RH Min (%)	28	23	20	23	27
Wind Speed (Kmph)	9	8	9	11	15
Wind Direction (deg)	161	153	120	167	191

**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**.
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**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.

**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-65**  
**Date-20.02.2020**

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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 29-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 22-34% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Kantapada				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	29	30	30	30	31
T-Min(°C)	17	16	16	19	20
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	79	76	82	91	88
RH Min (%)	34	25	22	27	34
Wind Speed (Kmph)	9	8	9	12	16
Wind Direction (deg)	171	150	116	193	200

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



**Bulletin No-65**  
**Date-20.02.2020**

**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory: Light rainfall is forecasted for Monday.** The day temperature will 30-32°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-93% and 22-30% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Mahanga				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	31	30	30	31	32
T-Min(°C)	17	16	16	18	19
Cloud Cover(octal)	0	0	0	0	4
RH Max (%)	79	73	79	93	92
RH Min (%)	29	26	22	25	30
Wind Speed (Kmph)	9	8	9	10	14
Wind Direction (deg)	161	146	113	180	116

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



**Bulletin No-65**  
**Date-20.02.2020**

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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Light rainfall is forecasted for Monday. The day temperature will be 31-33°C and night temperature will be 13-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-95% and 20-25% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Narasinghpur				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
<b>Rainfall(mm)</b>	0	0	0	0	5
<b>T-Max(°C)</b>	32	32	31	31	33
<b>T-Min(°C)</b>	14	13	13	14	16
<b>Cloud Cover(octa)</b>	0	0	0	0	4
<b>RH Max (%)</b>	87	79	79	92	95
<b>RH Min (%)</b>	25	23	20	20	23
<b>Wind Speed (Kmph)</b>	8	8	7	7	8
<b>Wind Direction (deg)</b>	161	159	156	163	191

**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)

**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-65**  
**Date-20.02.2020**

**E-mail: kvkcuttack@gmail.com**  
**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 29-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 24-38% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Niali				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	29	30	30	30	31
T-Min(°C)	17	16	17	19	20
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	77	76	80	89	86
RH Min (%)	38	28	24	30	38
Wind Speed (Kmph)	9	8	9	13	16
Wind Direction (deg)	163	150	120	193	200

**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 Chloropyrphos 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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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-65**  
**Date-20.02.2020**

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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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 30-32°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-92% and 22-31% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Nischintakoili				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	30	30	30	31	32
T-Min(°C)	17	16	16	19	19
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	79	73	81	92	91
RH Min (%)	31	26	22	26	31
Wind Speed (Kmph)	9	8	9	11	14
Wind Direction (deg)	165	146	113	180	124

**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**  
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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-65**  
**Date-20.02.2020**

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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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Trace to light rainfall is forecasted for Monday. The day temperature will 30-32°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-93% and 22-31% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Salepur				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	30	30	30	31	32
T-Min(°C)	17	16	16	19	19
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	79	73	81	93	92
RH Min (%)	30	25	22	26	31
Wind Speed (Kmph)	9	8	9	11	14
Wind Direction (deg)	165	146	113	180	124

**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)**  
**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-65**  
**Date-20.02.2020**

E-mail: kvkcuttack@gmail.com

**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. 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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Light rainfall is forecasted for Monday. The day temperature will 30-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-85% and 32-47% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Tangi-Choudwar				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	30	30	30	30	31
T-Min(°C)	17	16	17	19	20
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	75	71	76	85	84
RH Min (%)	44	36	32	41	47
Wind Speed (Kmph)	11	8	9	13	16
Wind Direction (deg)	160	124	116	180	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 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)

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**Bulletin No-65**  
**Date-20.02.2020**

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**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 32°C and 16°C, respectively. Relative humidity of the district was around 48-77%. *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: 21<sup>st</sup> February 2020 to 25<sup>th</sup> February 2020**

**General Advisory:** Light rainfall is forecasted for Monday. The day temperature will 32-33°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-96% and 19-27% respectively. There will be partly cloudy sky for Monday and mainly clear sky for other 4 days. **As there is light rainfall forecasted, farmers should complete their harvesting of matured vegetables, fertilizer and pesticide application before Monday.**

Block	Tigiria				
	21/02/2020	22/02/2020	23/02/2020	24/02/2020	25/02/2020
Rainfall(mm)	0	0	0	0	4
T-Max(°C)	32	32	32	32	33
T-Min(°C)	15	14	14	16	17
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	84	79	83	93	96
RH Min (%)	27	22	19	21	25
Wind Speed (Kmph)	10	10	9	10	15
Wind Direction (deg)	156	159	153	159	124

**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:**

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