



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



**Bulletin No-53**  
**Date-10.01.2020**

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

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-29°C and night temperature will be 11-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-91% and 22-59% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Athagad				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>T-Max (°C)</b>	24	25	26	27	29
<b>T-Min (°C)</b>	12	11	11	12	13
<b>Cloud Cover (octa)</b>	2	0	0	0	0
<b>RH Max (%)</b>	91	63	54	86	85
<b>RH Min (%)</b>	59	35	24	22	29
<b>Wind Speed (kmph)</b>	5	7	5	3	4
<b>Wind Direction (deg)</b>	56	342	342	90	171

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- **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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**



- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- **Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.

**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**



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**Bulletin No-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR BADAMBA**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 10-12°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-92% and 21-59% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.**

Block	Badamba				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	28
T-Min(°C)	11	10	11	11	12
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	92	58	50	84	85
RH Min (%)	59	33	23	21	29
Wind Speed (Kmph)	5	7	6	3	4
Wind Direction (deg)	34	342	334	113	165

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



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



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**Bulletin No-53**  
**Date-10.01.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR BANKI  
District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 10-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-92% and 21-59% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.**

Block	Banki				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	28
T-Min(°C)	12	10	11	12	13
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	92	60	53	86	85
RH Min (%)	59	33	23	21	30
Wind Speed (Kmph)	6	7	6	4	5
Wind Direction (deg)	56	347	338	30	195

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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.

Oil Seeds:

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- **Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



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**  
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**Bulletin No-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI-**  
**DAMPARA**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 11-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-91% and 21-58% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Banki-Dampara				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	28
T-Min(°C)	12	11	11	12	13
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	91	60	54	86	85
RH Min (%)	58	33	23	21	30
Wind Speed (Kmph)	6	7	5	4	5
Wind Direction (deg)	56	342	338	30	195

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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**  
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**Bulletin No-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR BARANGA**

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-84% and 22-57% respectively. There will be mainly clear sky for upcoming 5 days. As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.

Block	Baranga				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	28
T-Min(°C)	13	12	12	13	14
Cloud Cover	2	0	0	0	0
RH Max (%)	84	62	58	81	80
RH Min (%)	57	33	23	22	29
Wind Speed (Kmph)	8	8	6	4	5
Wind Direction (deg)	56	351	338	45	225

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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.

Oil Seeds:

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



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.

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 (Nodal officer)

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**Bulletin No-53**  
**Date-10.01.2020**

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR  
District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-29°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-85% and 23-57% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.**

Block	Cuttack sadar				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	29
T-Min(°C)	13	12	12	13	14
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	85	62	56	83	80
RH Min (%)	57	35	24	23	28
Wind Speed (Kmph)	7	8	6	4	5
Wind Direction (deg)	45	11	15	45	203

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- **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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- **Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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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**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-82% and 23-57% respectively. There will be mainly clear sky for upcoming 5 days. As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.

Block	Kantapada				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	28
T-Min(°C)	13	12	13	14	15
Cloud Cover(octa)	3	0	0	0	0
RH Max (%)	82	62	61	77	78
RH Min (%)	57	32	24	23	31
Wind Speed (Kmph)	9	9	6	5	6
Wind Direction (deg)	58	18	26	158	203

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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.

Oil Seeds:

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or– Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



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**



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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR MAHANGA**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-29°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-77% and 24-57% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Mahanga				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25	25	26	27	29
T-Min(°C)	13	12	13	14	15
Cloud Cover(octal)	2	0	0	0	0
RH Max (%)	77	60	54	76	75
RH Min (%)	57	36	26	24	29
Wind Speed (Kmph)	9	9	6	5	5
Wind Direction (deg)	36	23	23	345	203

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or- Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR NARSINGHPUR**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-28°C and night temperature will be 09-12°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-88% and 20-58% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Narsinghpur				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
<b>Rainfall(mm)</b>	0	0	0	0	0
<b>T-Max(°C)</b>	24	25	26	28	28
<b>T-Min(°C)</b>	10	9	10	10	12
<b>Cloud Cover(octa)</b>	1	0	0	0	0
<b>RH Max (%)</b>	88	57	48	80	85
<b>RH Min (%)</b>	58	30	23	20	27
<b>Wind Speed (Kmph)</b>	5	6	5	2	3
<b>Wind Direction (deg)</b>	360	338	334	72	189

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or- Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-27°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-81% and 25-57% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Niali				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
<b>Rainfall(mm)</b>	0	0	0	0	0
<b>T-Max(°C)</b>	24	25	26	26	27
<b>T-Min(°C)</b>	13	12	13	14	15
<b>Cloud Cover(octa)</b>	2	0	0	0	0
<b>RH Max (%)</b>	81	62	64	75	77
<b>RH Min (%)</b>	57	32	25	26	33
<b>Wind Speed (Kmph)</b>	10	9	6	5	6
<b>Wind Direction (deg)</b>	58	23	26	30	169

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- **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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- **Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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-53**  
**Date-10.01.2020**

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI  
District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-28°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-77% and 23-57% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Nischintakoili				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25	25	25	27	28
T-Min(°C)	13	12	13	14	15
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	77	60	55	76	74
RH Min (%)	55	35	26	23	29
Wind Speed (Kmph)	10	9	6	5	6
Wind Direction (deg)	58	23	23	345	203

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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.

Oil Seeds:

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- **Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



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**  
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**Bulletin No-53**  
**Date-10.01.2020**

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**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-29°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-78% and 23-56% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Salepur				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25	25	26	27	29
T-Min(°C)	13	12	13	14	15
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	78	60	55	77	75
RH Min (%)	56	35	26	23	29
Wind Speed (Kmph)	9	9	6	5	5
Wind Direction (deg)	36	19	23	345	203

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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 indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or neem based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- 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
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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**  
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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-73% and 32-57% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.*

Block	Tangi-Choudwar				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
<b>Rainfall(mm)</b>	0	0	0	0	0
<b>T-Max(°C)</b>	25	25	25	26	27
<b>T-Min(°C)</b>	14	13	13	14	15
<b>Cloud Cover(octa)</b>	1	0	0	0	0
<b>RH Max (%)</b>	73	61	55	72	72
<b>RH Min (%)</b>	57	39	33	32	35
<b>Wind Speed (Kmph)</b>	15	14	10	7	7
<b>Wind Direction (deg)</b>	58	27	23	113	158

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- 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.

**Oil Seeds:**

- In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or— Quinalphos 25% EC @ 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**Vegetables:**

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. 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.
- To control **wilt** in Bean, Tomato, Brinjal and Cowpea, go for soil drenching of Tricoderma viridae@5g/litre of water or need based spraying of Tebuconazole @ 1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- Fruit and shoot borer** in Brinjal and Okra- Spray Neem based formulation 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acreand Thiodicarb@300g/acre at 15 days interval
- To control **thrips** in Chilli and **aphids** in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.
- If **leaf curling** is seen in potato then to control the sucking pest vector, spray 2ml dimthoate 30%EC or 0.3ml imidacloprid 17.8% SL /1 lit water.(200 lit/ acre).Spray 2gm mancozeb 75% WP/1 lit water for **early blight**.



**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)**  
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Bulletin No-53  
Date-10.01.2020

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 14°C, respectively. Relative humidity of the district was around 81-87%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

**Forecasted period: 11<sup>th</sup> January 2020 to 15<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 24-29°C and night temperature will be 10-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-92% and 22-60% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be decrease so there may be frost condition will arise, to avoid the ill effect of frost on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic cover to increase the minimum temperature.**

Block	Tigiria				
	11/01/2020	12/01/2020	13/01/2020	14/01/2020	15/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24	25	26	27	29
T-Min(°C)	12	10	11	12	13
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	92	61	53	86	85
RH Min (%)	60	34	24	22	29
Wind Speed (Kmph)	5	7	5	3	4
Wind Direction (deg)	56	342	342	68	165

**Agromet Advisory**

**Pulses:**

- The crop is at sowing to 3-4 week stage.
- **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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