



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



Bulletin No-54
Date-14.01.2020

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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 23-34% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Athagad				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Date	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	29	30
T-Min (°C)	13	13	13	14	15
Cloud Cover (octa)	0	1	0	0	1
RH Max (%)	85	85	90	92	91
RH Min (%)	23	28	26	34	33
Wind Speed (kmph)	4	6	8	7	5
Wind Direction (deg)	160	135	153	154	161

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos @ 2ml/litre of water with Neem oil @ 5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum @ 2.5q/ha if not applied earlier.
- 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/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
 (Nodal officer)

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



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Bulletin No-54
Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-93% and 23-38% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Badamba				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	28	30
T-Min(°C)	12	12	12	13	14
Cloud Cover(octa)	0	1	0	0	2
RH Max (%)	84	86	92	93	91
RH Min (%)	23	29	26	38	34
Wind Speed (Kmph)	4	6	8	7	4
Wind Direction (deg)	160	158	158	160	191

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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-54
Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-92% and 24-37% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.*

Block	Banki				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	13	13	13	14	15
Cloud Cover(octa)	0	1	1	0	1
RH Max (%)	84	85	90	92	91
RH Min (%)	24	28	27	37	34
Wind Speed (Kmph)	5	6	8	7	4
Wind Direction (deg)	158	158	158	155	180

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- **Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- **Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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-14.01.2020

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-92% and 24-37% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Banki-Dampara				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	13	13	13	14	15
Cloud Cover(octa)	0	1	1	0	1
RH Max (%)	84	85	90	92	91
RH Min (%)	24	28	27	37	33
Wind Speed (Kmph)	5	6	8	7	4
Wind Direction (deg)	158	158	158	155	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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/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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Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 27-33% respectively. There will be mainly clear sky for upcoming 5 days. As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.

Block	Baranga				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	14	14	15	15
Cloud Cover	0	1	1	0	1
RH Max (%)	82	85	89	91	90
RH Min (%)	27	27	27	32	33
Wind Speed (Kmph)	5	7	8	7	5
Wind Direction (deg)	169	135	158	161	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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/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.

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 25-33% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Cuttack sadar				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	14	14	15	15
Cloud Cover(octa)	0	1	1	0	1
RH Max (%)	84	85	89	91	90
RH Min (%)	25	27	26	31	33
Wind Speed (Kmph)	4	6	8	7	5
Wind Direction (deg)	158	117	158	158	180

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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



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



Bulletin No-54
Date-14.01.2020

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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 28-35% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.*

Block	Kantapada				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	28	28	30
T-Min(°C)	15	14	15	16	15
Cloud Cover(octa)	0	1	2	0	1
RH Max (%)	80	85	89	90	89
RH Min (%)	31	28	29	33	35
Wind Speed (Kmph)	6	7	8	7	6
Wind Direction (deg)	161	135	135	161	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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-54
Date-14.01.2020

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 28-34% respectively. There will be mainly clear sky for upcoming 5 days. As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.

Block	Mahanga				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	14	15	15	15
Cloud Cover(octal)	0	1	1	0	0
RH Max (%)	81	80	86	89	86
RH Min (%)	29	29	28	30	34
Wind Speed (Kmph)	5	7	7	8	6
Wind Direction (deg)	158	113	135	161	248

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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/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
(Nodal officer)

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Bulletin No-54
Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR NARSINGHPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 11-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-96% and 21-37% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.*

Block	Narsinghpur				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	28	28	28	30
T-Min(°C)	11	11	11	12	13
Cloud Cover(/octa)	0	1	0	0	2
RH Max (%)	84	86	95	96	91
RH Min (%)	21	28	26	37	33
Wind Speed (Kmph)	3	5	7	6	3
Wind Direction (deg)	158	163	159	167	191

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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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INDIA METEOROLOGICAL DEPARTMENT
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Bulletin No-54
Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 27-29°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 30-39% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Niali				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	28	28	29
T-Min(°C)	15	14	15	14	15
Cloud Cover(octa)	0	1	2	0	1
RH Max (%)	80	87	90	90	89
RH Min (%)	36	30	33	37	39
Wind Speed (Kmph)	6	7	8	7	7
Wind Direction (deg)	158	124	135	158	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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-54
Date-14.01.2020

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 28-34% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Nischintakoili				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	15	14	14	15
Cloud Cover(octa)	0	1	2	0	0
RH Max (%)	80	81	87	89	87
RH Min (%)	29	28	28	30	34
Wind Speed (Kmph)	5	7	8	7	6
Wind Direction (deg)	158	113	135	161	248

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- **Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- **Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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-54
Date-14.01.2020

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 28-34% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Salepur				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	15	15	15	15
Cloud Cover(octa)	0	1	1	0	0
RH Max (%)	80	82	87	90	87
RH Min (%)	28	28	28	30	34
Wind Speed (Kmph)	5	7	8	7	5
Wind Direction (deg)	135	117	135	161	248

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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:** 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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos @ 2ml/litre of water with Neem oil @ 5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum @ 2.5q/ha if not applied earlier.
- 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
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-54
Date-14.01.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 27-28°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 38-46% respectively. There will be mainly clear sky for upcoming 5 days. *As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.*

Block	Tangi-Choudwar				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	27	27	28
T-Min(°C)	15	14	14	14	15
Cloud Cover(octa)	0	1	3	0	1
RH Max (%)	76	83	86	87	85
RH Min (%)	43	38	40	44	46
Wind Speed (Kmph)	8	9	8	8	8
Wind Direction (deg)	154	109	135	158	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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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Bulletin No-54
Date-14.01.2020

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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 27°C and 13°C, respectively. Relative humidity of the district was around 69-83%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 15th January 2020 to 19th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 23-36% respectively. There will be mainly clear sky for upcoming 5 days. **As the night temperature is likely to be below 15°C so, to avoid the ill effect of cold temperature on crops and rabi vegetables farmers should irrigate the field and they should cover the nursery bed with polythene or plastic covering at night to increase the minimum temperature and open it during day time.**

Block	Tigiria				
	15/01/2020	16/01/2020	17/01/2020	18/01/2020	19/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	13	13	13	14	15
Cloud Cover(octa)	0	1	0	0	1
RH Max (%)	86	86	91	93	92
RH Min (%)	23	28	26	36	34
Wind Speed (Kmph)	4	6	8	8	5
Wind Direction (deg)	158	154	153	158	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.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.

Oil Seeds:

- **Mustard:**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- **Groundnut:** Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- 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
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Animal husbandry:

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