



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



Bulletin No-55
Date-17.01.2020

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 28°C and 13°C, respectively. Relative humidity of the district was around 69-85%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 18th January 2020 to 22nd 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 16°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 33-37% respectively. There will be mainly clear to partly cloudy sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Athagad				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	30	30	29	30
T-Min (°C)	16	16	16	16	16
Cloud Cover (octa)	0	1	3	1	2
RH Max (%)	92	91	85	92	93
RH Min (%)	33	35	34	34	37
Wind Speed (kmph)	8	5	6	7	9
Wind Direction (deg)	156	180	158	126	155

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:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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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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: 18th January 2020 to 22nd 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 15°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 33-37% respectively. There will be mainly clear to partly cloudy sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Badamba				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	30	29	29
T-Min(°C)	15	15	15	15	15
Cloud Cover(octa)	0	1	3	1	2
RH Max (%)	93	90	85	94	95
RH Min (%)	36	36	33	33	37
Wind Speed (Kmph)	8	6	6	7	9
Wind Direction (deg)	159	171	180	154	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:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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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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: 18th January 2020 to 22nd 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 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-94% and 34-38% respectively. There will be mainly clear to partly cloudy sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Banki				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	29	29
T-Min(°C)	15	16	16	16	16
Cloud Cover(octa)	0	1	3	1	1
RH Max (%)	92	91	86	93	94
RH Min (%)	35	37	34	34	38
Wind Speed (Kmph)	8	6	6	7	10
Wind Direction (deg)	158	171	197	146	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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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.*

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Block	Banki-Dampara				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Date	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	29	29
T-Min(°C)	15	16	16	16	16
Cloud Cover(octa)	0	1	2	1	1
RH Max (%)	92	91	86	93	94
RH Min (%)	35	37	34	34	38
Wind Speed (Kmph)	8	6	6	7	9
Wind Direction (deg)	158	171	197	126	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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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: 18th January 2020 to 22nd January 2020

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Block	Baranga				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	29	29
T-Min(°C)	16	17	17	17	17
Cloud Cover	0	0	1	1	2
RH Max (%)	90	90	85	91	92
RH Min (%)	33	36	34	36	38
Wind Speed (Kmph)	8	7	6	7	8
Wind Direction (deg)	158	191	189	113	153

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
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- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
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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.
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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: 18th January 2020 to 22nd January 2020

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Block	Cuttack sadar				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	29	29
T-Min(°C)	16	17	17	17	17
Cloud Cover(octa)	0	1	2	1	2
RH Max (%)	90	89	84	90	91
RH Min (%)	32	35	33	35	37
Wind Speed (Kmph)	8	6	6	6	8
Wind Direction (deg)	160	193	165	113	152

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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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.
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- 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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
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- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
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- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Animal husbandry:

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- Farmers should offer 20-30% more feed to counter the winter along with lukewarm water.

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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: 18th January 2020 to 22nd 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 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-91% and 35-40% respectively. There will be mainly clear sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Kantapada				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	28	29
T-Min(°C)	17	17	18	17	18
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	88	89	85	91	91
RH Min (%)	36	40	35	38	40
Wind Speed (Kmph)	7	7	7	7	8
Wind Direction (deg)	158	180	171	90	152

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:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
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Bulletin No-55
Date-17.01.2020

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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: 18th January 2020 to 22nd 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 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 32-39% respectively. There will be mainly clear sky for upcoming 5 days. As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.

Block	Mahanga				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	29	29
T-Min(°C)	16	17	18	17	17
Cloud Cover(octal)	0	0	1	1	2
RH Max (%)	87	85	80	85	88
RH Min (%)	32	36	33	38	39
Wind Speed (Kmph)	8	7	6	6	7
Wind Direction (deg)	158	180	195	90	113

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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-55
Date-17.01.2020

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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: 18th January 2020 to 22nd January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-31°C and night temperature will be 14°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-97% and 30-38% respectively. There will be mainly clear sky for upcoming 5 days. As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.

Block	Narsinghpur				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	31	30	29
T-Min(°C)	14	14	14	14	14
Cloud Cover(/octa)	0	1	2	2	2
RH Max (%)	95	91	81	94	97
RH Min (%)	38	35	30	33	36
Wind Speed (Kmph)	7	4	4	5	8
Wind Direction (deg)	167	171	191	159	156

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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: 18th January 2020 to 22nd January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-29°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-90% and 37-43% respectively. There will be mainly clear sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Niali				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	28	29
T-Min(°C)	17	18	18	17	18
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	86	89	86	90	90
RH Min (%)	39	43	37	41	43
Wind Speed (Kmph)	7	8	7	7	8
Wind Direction (deg)	155	169	165	90	135

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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: 18th January 2020 to 22nd 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 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 33-40% respectively. There will be mainly clear sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Nischintakoli				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	29	29
T-Min(°C)	16	17	18	17	17
Cloud Cover(octa)	0	0	1	1	2
RH Max (%)	87	85	81	87	89
RH Min (%)	33	37	33	38	40
Wind Speed (Kmph)	8	7	6	6	7
Wind Direction (deg)	158	180	169	90	150

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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: 18th January 2020 to 22nd 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 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 32-39% respectively. There will be mainly clear sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Salepur				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Date	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	29	29
T-Min(°C)	16	17	18	17	17
Cloud Cover(octa)	0	0	1	1	2
RH Max (%)	87	85	81	87	89
RH Min (%)	32	36	33	38	39
Wind Speed (Kmph)	8	7	6	6	7
Wind Direction (deg)	158	180	195	146	135

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:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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 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: 18th January 2020 to 22nd January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-29°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 44-51% respectively. There will be mainly clear sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Tangi-Choudwar				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	28	28
T-Min(°C)	16	17	17	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	80	83	83	85	88
RH Min (%)	46	49	44	49	51
Wind Speed (Kmph)	8	9	9	9	9
Wind Direction (deg)	158	158	158	113	120

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:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
- Irrigate the crop after fertilizer application.
- **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval.
- Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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-55
Date-17.01.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27°C and 13°C, respectively. Relative humidity of the district was around 69-85%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 18th January 2020 to 22nd 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 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-94% and 34-37% respectively. There will be mainly clear to partly cloudy sky for upcoming 5 days. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid weather and go for proper plant protection measures.*

Block	Tigiria				
	18/01/2020	19/01/2020	20/01/2020	21/01/2020	22/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	29	30
T-Min(°C)	15	16	16	16	16
Cloud Cover(octa)	0	1	3	1	2
RH Max (%)	92	91	86	93	94
RH Min (%)	34	36	35	34	37
Wind Speed (Kmph)	9	5	5	7	9
Wind Direction (deg)	158	180	160	146	155

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:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field.
- Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application.
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field.
- Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage.
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