



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



Bulletin No-52
Date-07.01.2020

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

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: Light rainfall is forecasted in Thursday and no rainy day remaining 4 days in the block. The day temperature will 26-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 30-46% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Athagad				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Date	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall (mm)	0	0.3	1	0	0
T-Max (°C)	26.2	27.4	27.1	27.3	26.4
T-Min (°C)	13.6	15.2	15.3	15.3	13.4
Cloud Cover (octa)	0	3	5	1	0
RH Max (%)	81	87	83	86	81
RH Min (%)	30	34	45	46	37
Wind Speed (kmph)	5	8	5	7	6
Wind Direction (deg)	90	148	75	158	15

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



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 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: Light rainfall is forecasted in Thursday and no rainy day remaining 4 days in the block. The day temperature will 26-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-90% and 30-50% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Badamba				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	1.1	1.1	0.2	0
T-Max(°C)	26.2	27.3	26.7	26.8	26.5
T-Min(°C)	12.8	14.5	14.3	14	12.6
Cloud Cover(octa)	0	3	4	1	0
RH Max (%)	79	85	86	89	90
RH Min (%)	30	35	50	49	38
Wind Speed (Kmph)	5	7	5	6	5
Wind Direction (deg)	158	153	68	341	360

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



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-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR BANKI
District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 30-46% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Banki				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0.4	0.3	0.3	0
T-Max(°C)	26.2	27.3	27.1	27.3	26.4
T-Min(°C)	13.4	15	15.1	14.8	12.9
Cloud Cover(octa)	0	3	4	1	0
RH Max (%)	79	86	83	87	85
RH Min (%)	30	34	44	46	37
Wind Speed (Kmph)	5	8	6	7	6
Wind Direction (deg)	180	148	154	342	349

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



Animal husbandry:

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AGROMET ADVISORY BULLETIN FOR BANKI-
DAMPARA

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-86% and 30-45% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Banki-Dampara				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0.4	0.2	0.3	0
T-Max(°C)	26.3	27.3	27.1	27.4	26.5
T-Min(°C)	13.5	15.1	15.2	14.9	13
Cloud Cover(octa)	0	3	4	1	0
RH Max (%)	79	86	83	86	84
RH Min (%)	30	34	44	45	36
Wind Speed (Kmph)	5	8	6	7	6
Wind Direction (deg)	180	148	154	342	15

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@ 1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



Animal husbandry:

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-28°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 30-42% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Baranga				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0	0.3	0
T-Max(°C)	26.1	27	27.4	27.5	26.5
T-Min(°C)	14.5	16	16.5	16	14.1
Cloud Cover	0	3	4	2	0
RH Max (%)	78	85	79	80	78
RH Min (%)	30	33	39	42	36
Wind Speed (Kmph)	6	7	7	8	8
Wind Direction (deg)	180	150	116	113	30

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases**.
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



Animal husbandry:

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Bulletin No-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR
District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-27°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 31-44% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Cuttack sadar				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0.4	0.3	0
T-Max(°C)	26.2	27.1	27.4	27.4	26.4
T-Min(°C)	14.3	15.8	16.3	15.9	14.2
Cloud Cover(octa)	0	3	5	1	0
RH Max (%)	79	85	80	82	76
RH Min (%)	31	33	40	44	37
Wind Speed (Kmph)	5	6	6	7	8
Wind Direction (deg)	68	150	34	60	30

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
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- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



Animal husbandry:

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-28°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 32-42% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Kantapada				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Date	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25.6	26.6	27.1	27.6	26.3
T-Min(°C)	14.8	16.7	17	16.3	14.1
Cloud Cover(octa)	0	3	3	2	0
RH Max (%)	77	83	79	79	77
RH Min (%)	32	34	40	42	36
Wind Speed (Kmph)	6	6	8	8	10
Wind Direction (deg)	158	120	27	30	23

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate @ 70g/acre **after the rain ceases.**
- Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc. 6 to 8 q/acre seed potato of 25 g each piece (either whole or cut). Keep the seeds on floor in dark for 7 days for sprouting.



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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: Light rainfall is forecasted in Thursday and no rainy day remaining 4 days in the block. The day temperature will 26-27°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 32-43% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Mahanga				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	1	0	0
T-Max(°C)	25.7	26.5	27	27.2	25.8
T-Min(°C)	14.4	16.1	16.6	15.6	14
Cloud Cover(octal)	0	3	5	2	0
RH Max (%)	77	80	78	79	74
RH Min (%)	32	35	39	43	41
Wind Speed (Kmph)	6	6	8	9	10
Wind Direction (deg)	15	101	23	342	23

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate @ 70g/acre **after the rain ceases**.
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc. 6 to 8 q/acre seed potato of 25 g each piece (either whole or cut). Keep the seeds on floor in dark for 7 days for sprouting.



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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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR NARSINGHPUR

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: Light rainfall is forecasted in Thursday and no rainy day remaining 4 days in the block. The day temperature will 26-27°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 30-54% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Narsinghpur				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0.9	1.3	0	0
T-Max(°C)	26.2	26.8	26	26.2	27.1
T-Min(°C)	11.7	13.5	13.2	12.5	11.6
Cloud Cover(/octa)	0	3	5	1	0
RH Max (%)	80	84	92	90	95
RH Min (%)	30	36	54	51	36
Wind Speed (Kmph)	3	6	4	4	3
Wind Direction (deg)	120	156	60	351	158

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate @ 70g/acre **after the rain ceases**.
- Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc. 6 to 8 q/acre seed potato of 25 g each piece (either whole or cut). Keep the seeds on floor in dark for 7 days for sprouting.



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-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-27°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-81% and 34-43% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Niali				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Date	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25.2	25.9	26.6	27.4	26
T-Min(°C)	14.8	17	16.9	16.2	13.8
Cloud Cover(octa)	0	3	2	1	0
RH Max (%)	76	81	80	80	79
RH Min (%)	34	36	42	43	38
Wind Speed (Kmph)	6	7	9	9	11
Wind Direction (deg)	153	90	27	30	15

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



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-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-27°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 32-42% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Nischintakoili				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0.4	0	0
T-Max(°C)	25.8	26.6	27	27.4	26
T-Min(°C)	14.7	16.3	17	15.8	14
Cloud Cover(octa)	0	3	4	2	0
RH Max (%)	76	81	78	78	75
RH Min (%)	32	35	39	42	40
Wind Speed (Kmph)	6	7	8	9	10
Wind Direction (deg)	158	101	109	349	23

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



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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Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 26-27°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-82% and 32-43% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Salepur				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0.4	0	0
T-Max(°C)	25.9	26.7	27.2	27.3	26.1
T-Min(°C)	14.7	16.2	16.9	15.9	14.2
Cloud Cover(octa)	0	3	5	2	0
RH Max (%)	77	82	78	79	75
RH Min (%)	32	34	39	43	39
Wind Speed (Kmph)	6	6	8	9	10
Wind Direction (deg)	113	101	109	342	30

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@ 1g/litre or Profenophos@2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate@70g/acre **after the rain ceases.**
- Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc.6 to 8 q/acre seed potato of 25 g each piece (either whole or cut).Keep the seeds on floor in dark for 7 days for sprouting.



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-52
Date-07.01.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 25-27°C and night temperature will be 13-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-78% and 39-50% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Tangi-Choudwar				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	24.5	25.4	25.9	26.5	24.9
T-Min(°C)	14.1	15.9	16.5	15.4	13.4
Cloud Cover(octa)	0	3	2	2	0
RH Max (%)	72	77	78	75	76
RH Min (%)	39	43	47	49	50
Wind Speed (Kmph)	8	9	10	12	14
Wind Direction (deg)	153	113	101	109	60

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate @ 70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc. 6 to 8 q/acre seed potato of 25 g each piece (either whole or cut). Keep the seeds on floor in dark for 7 days for sprouting.



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-52
Date-07.01.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 25°C and 13°C, respectively. Relative humidity of the district was around 75-80%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value, mildly wet condition was there.*

Forecasted period: 08th January 2020 to 12th January 2020

General Advisory: Light rainfall is forecasted in Thursday and no rainy day remaining 4 days in the block. The day temperature will 26-27°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 31-50% respectively. There will be mainly cloudy sky for Thursday and the sky will be clear for remaining 4 days.

Block	Tigiria				
	08/01/2020	09/01/2020	10/01/2020	11/01/2020	12/01/2020
Rainfall(mm)	0	0.6	1.4	0.4	0
T-Max(°C)	26.2	27.5	26.9	27.1	26.5
T-Min(°C)	13.2	14.9	14.8	14.7	12.8
Cloud Cover(octa)	0	3	5	1	0
RH Max (%)	81	87	85	88	85
RH Min (%)	31	35	50	47	38
Wind Speed (Kmph)	5	8	5	7	6
Wind Direction (deg)	90	148	45	342	349

Agromet Advisory

Pulses:

- Land preparation and sowing is going on. The crop is at sowing to two week seedling stage.
- **Aphids** may infest the crop after this forecasted rain. 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.

Vegetables:

- **Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.**
- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water
- To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- 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 Imamectin benzoate @ 70g/acre **after the rain ceases.**
- **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato after this rain. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC mixing in 200lit. of water per acre crop.
- **POTATO:** Complete planting of potato. Grow high yielding varieties like Kufri Chandramukhi, Kufri Chamatkar, Kufri Jyoti, Kufri Sinduri and Kufri Alankar, etc. 6 to 8 q/acre seed potato of 25 g each piece (either whole or cut). Keep the seeds on floor in dark for 7 days for sprouting.



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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