



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



Bulletin No-78
Date-07.04.2020

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 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light to moderate rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-79% and 14-27% respectively. There will be clear to overcast sky for next 5 days. *As light to moderate rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall (mm)	0	10	6	0	0
T-Max (°C)	37	38	36	34	38
T-Min (°C)	24	25	25	24	25
Cloud Cover (octa)	5	7	2	2	1
RH Max (%)	70	70	75	74	79
RH Min (%)	14	22	25	27	16
Wind Speed (kmph)	14	16	9	13	12
Wind Direction (deg)	191	153	195	167	200

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize:

Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



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DISTRICT AGROMET UNIT
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Bulletin No-78
Date-07.04.2020

E-mail: kykcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BADAMBA
District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light to moderate rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-38°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-77% and 12-28% respectively. There will be clear to overcast sky for next 5 days. *As light to moderate rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	11	7	0	0
T-Max(°C)	38	38	35	34	38
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	5	7	3	2	1
RH Max (%)	63	68	72	69	77
RH Min (%)	12	20	26	28	17
Wind Speed (Kmph)	12	15	9	11	10
Wind Direction (deg)	165	72	191	167	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-78
Date-07.04.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light to moderate rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-79% and 14-31% respectively. There will be clear to overcast sky for next 5 days. *As light to moderate rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	12	7	0	0
T-Max(°C)	37	38	35	34	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octa)	5	7	2	2	1
RH Max (%)	68	73	76	72	79
RH Min (%)	14	22	30	31	17
Wind Speed (Kmph)	15	17	9	13	13
Wind Direction (deg)	191	68	191	167	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-78
Date-07.04.2020

E-mail: kykcuttack@gmail.com
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 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light to moderate rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-80% and 15-32% respectively. There will be clear to overcast sky for next 5 days. **As light to moderate rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Banki-Dampara(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	12	7	0	0
T-Max(°C)	37	37	34	34	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octa)	5	7	2	2	1
RH Max (%)	69	73	77	73	80
RH Min (%)	15	22	30	32	17
Wind Speed (Kmph)	15	16	8	13	13
Wind Direction (deg)	191	68	191	180	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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Bulletin No-78
Date-07.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-37°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 17-33% respectively. There will be clear to overcast sky for next 5 days. **As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	8	5	0	0
T-Max(°C)	36	36	34	33	37
T-Min(°C)	25	25	25	25	25
Cloud Cover	5	7	2	2	1
RH Max (%)	75	74	85	83	82
RH Min (%)	18	27	31	33	17
Wind Speed (Kmph)	18	17	15	16	16
Wind Direction (deg)	198	225	198	203	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-78
Date-07.04.2020

E-mail: kykcuttack@gmail.com
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 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 33-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-81% and 16-28% respectively. There will be clear to overcast sky for next 5 days. *As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	9	6	0	0
T-Max(°C)	35	36	35	33	37
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	6	7	2	2	1
RH Max (%)	75	70	81	80	81
RH Min (%)	16	24	26	28	16
Wind Speed (Kmph)	16	16	15	15	15
Wind Direction (deg)	191	60	207	203	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No-78
Date-07.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 33-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-90% and 20-38% respectively. There will be clear to overcast sky for next 5 days. *As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Date	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	6	3	0	0
T-Max(°C)	36	35	33	33	37
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	5	7	2	2	1
RH Max (%)	76	81	90	87	83
RH Min (%)	23	32	37	38	20
Wind Speed (Kmph)	20	18	17	18	19
Wind Direction (deg)	203	225	205	203	204

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



Bulletin No-78
Date-07.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-83% and 16-27% respectively. There will be clear to overcast sky for next 5 days. **As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	7	5	0	0
T-Max(°C)	36	37	36	34	37
T-Min(°C)	25	25	24	25	25
Cloud Cover(octal)	6	7	2	2	1
RH Max (%)	78	72	81	82	83
RH Min (%)	20	25	26	27	16
Wind Speed (Kmph)	17	19	17	17	16
Wind Direction (deg)	201	75	207	204	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-78
Date-07.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 35-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-74% and 09-21% respectively. There will be clear to overcast sky for next 5 days. **As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	6	4	0	0
T-Max(°C)	39	39	38	35	39
T-Min(°C)	24	23	23	24	24
Cloud Cover(/octa)	4	7	3	3	1
RH Max (%)	60	69	70	64	74
RH Min (%)	9	18	19	21	18
Wind Speed (Kmph)	9	11	6	9	7
Wind Direction (deg)	191	158	180	195	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-78
Date-07.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 33-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-91% and 24-43% respectively. There will be clear to overcast sky for next 5 days. **As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	5	2	0	0
T-Max(°C)	35	34	33	34	37
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	5	7	3	2	0
RH Max (%)	77	86	91	88	84
RH Min (%)	29	38	43	41	24
Wind Speed(Kmph)	22	19	17	19	20
Wind Direction(deg)	203	198	212	203	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



GRAMIN KRUSHI MAUSAM SEVA
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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-78
Date-07.04.2020

E-mail: kykcuttack@gmail.com
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 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 17-30% respectively. There will be clear to overcast sky for next 5 days. *As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	8	4	0	0
T-Max(°C)	36	36	35	34	37
T-Min(°C)	25	26	24	25	25
Cloud Cover(octa)	6	7	2	2	1
RH Max (%)	78	75	84	84	83
RH Min (%)	21	27	29	30	17
Wind Speed (Kmph)	18	19	18	17	17
Wind Direction (deg)	201	75	203	204	206

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL-**Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato-** In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea-** sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



Bulletin No-78
Date-07.04.2020

E-mail: kvkcuttack@gmail.com
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 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 17-30% respectively. There will be clear overcast sky for next 5 days. *As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	8	5	0	0
T-Max(°C)	35	36	35	34	37
T-Min(°C)	25	26	24	25	25
Cloud Cover(octa)	6	7	2	2	1
RH Max (%)	77	74	84	84	83
RH Min (%)	20	26	28	30	17
Wind Speed (Kmph)	18	19	18	17	17
Wind Direction (deg)	201	75	207	204	206

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
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Bulletin No-78
Date-07.04.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

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

General Advisory: Light rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 34-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 36-50 % respectively. There will be clear to overcast sky for next 5 days. *As light rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.*

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	6	2	0	0
T-Max(°C)	36	35	34	35	38
T-Min(°C)	26	26	25	25	25
Cloud Cover(octa)	5	7	3	2	0
RH Max (%)	84	88	89	87	86
RH Min (%)	41	43	51	50	36
Wind Speed (Kmph)	24	20	20	22	23
Wind Direction (deg)	203	113	201	204	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize:

Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-78
Date-07.04.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 24°C, respectively. Relative humidity of the district was around 72-53%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

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

General Advisory: Light to moderate rain or thundershower is forecasted on tomorrow, Thursday. The day temperature will 35-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 12-27% respectively. There will be clear to overcast sky for next 5 days. **As light to moderate rainfall is forecasted, farmers should conserve the excess water for future purpose and should stop irrigation and pesticide application activities on rainy day and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin after rain.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/04/2020	09/04/2020	10/04/2020	11/04/2020	12/04/2020
Rainfall(mm)	0	12	7	0	0
T-Max(°C)	38	38	36	35	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octa)	5	7	3	2	1
RH Max (%)	66	70	72	71	78
RH Min (%)	12	21	25	27	16
Wind Speed (Kmph)	13	16	9	12	11
Wind Direction (deg)	203	153	180	162	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (11-14 week) stage. Harvest the matured pods and if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water
- Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.
- Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.

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