



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



Bulletin No-75
Date-27.03.2020

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

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. *According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.*

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-38°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-81% and 18-24% respectively. There will be clear to partly cloudy sky for next 5 days. *Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.*

Block	Athagad				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Date	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall (mm)	0	0	0	13	0
T-Max (°C)	37	38	38	38	36
T-Min (°C)	24	24	23	23	25
Cloud Cover (octa)	1	2	2	4	1
RH Max (%)	59	72	81	71	61
RH Min (%)	20	18	22	24	21
Wind Speed (kmph)	9	9	8	13	8
Wind Direction (deg)	203	165	169	210	180

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)

Contact No-9861445080/7008453427



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Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-38°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-75% and 18-25% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Badamba				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	12	0
T-Max(°C)	38	38	38	38	36
T-Min(°C)	23	23	23	22	24
Cloud Cover(octa)	1	2	2	4	1
RH Max (%)	55	65	74	75	61
RH Min (%)	19	18	22	25	21
Wind Speed (Kmph)	9	8	7	10	8
Wind Direction (deg)	203	158	195	333	195

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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% Chloropyrphos 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Date-27.03.2020

E-mail: kykcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-80% and 18-25 % respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Banki				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	15	0
T-Max(°C)	37	39	38	38	36
T-Min(°C)	23	23	23	23	24
Cloud Cover(octa)	1	2	2	4	0
RH Max (%)	58	70	80	72	61
RH Min (%)	20	18	22	25	21
Wind Speed (Kmph)	11	9	9	12	9
Wind Direction (deg)	200	161	191	165	180

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
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Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA
District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-81% and 18-25% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Banki-Dampara				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	14	0
T-Max(°C)	37	39	38	39	36
T-Min(°C)	23	23	23	23	24
Cloud Cover(octa)	1	2	2	4	0
RH Max (%)	58	71	81	72	62
RH Min (%)	21	18	22	25	21
Wind Speed (Kmph)	11	9	9	12	9
Wind Direction (deg)	200	161	193	165	180

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-75
Date-27.03.2020

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

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-88% and 20-26% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Baranga				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	9	0
T-Max(°C)	36	38	37	37	36
T-Min(°C)	24	24	24	24	25
Cloud Cover	0	1	2	4	1
RH Max (%)	67	80	88	69	66
RH Min (%)	22	20	22	26	21
Wind Speed (Kmph)	13	10	11	11	11
Wind Direction (deg)	204	200	193	203	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
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- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Date-27.03.2020

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

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-86% and 19-24% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Cuttack sadar				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	10	0
T-Max(°C)	37	37	37	37	36
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	0	1	2	4	1
RH Max (%)	64	78	86	69	64
RH Min (%)	21	19	22	24	21
Wind Speed (Kmph)	11	10	9	11	10
Wind Direction (deg)	203	200	162	180	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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: The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/lit at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
 SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-75
Date-27.03.2020

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

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. *According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.*

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 23-28% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Kantapada				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Date	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	6	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	24	24	24	24	25
Cloud Cover(octa)	0	0	2	4	1
RH Max (%)	73	84	88	66	72
RH Min (%)	26	24	23	28	24
Wind Speed (Kmph)	15	12	13	11	12
Wind Direction (deg)	204	198	193	162	200

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)

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Bulletin No-75
Date-27.03.2020

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

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-84% and 21-26% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Mahanga				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	5	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	24	25	24	25	25
Cloud Cover(octal)	0	1	2	4	1
RH Max (%)	70	80	84	67	68
RH Min (%)	23	23	24	26	21
Wind Speed (Kmph)	12	10	10	13	11
Wind Direction (deg)	203	210	171	158	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-75
Date-27.03.2020

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

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-39°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-77% and 17-23% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Narasinghpur				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	11	0
T-Max(°C)	39	38	38	39	36
T-Min(°C)	23	23	22	22	23
Cloud Cover(/octa)	1	2	2	4	1
RH Max (%)	56	62	68	77	64
RH Min (%)	17	18	22	23	19
Wind Speed (Kmph)	6	7	5	6	6
Wind Direction (deg)	199	154	195	315	195

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-88% and 25-30% respectively. There will be mainly clear sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Niali				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	5	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	0	0	1	4	1
RH Max (%)	76	86	88	64	76
RH Min (%)	29	28	25	30	28
Wind Speed(Kmph)	16	14	14	13	12
Wind Direction(deg)	204	198	198	180	207

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/lit at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)

Contact No-9861445080/7008453427



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Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI
District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. *According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.*

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-86% and 22-27% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Nischintakoili				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	8	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	24	25	24	25	25
Cloud Cover(octa)	0	1	2	4	1
RH Max (%)	72	82	86	66	70
RH Min (%)	24	24	24	27	22
Wind Speed (Kmph)	13	11	11	12	11
Wind Direction (deg)	203	210	171	158	210

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/lit at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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



Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. *According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.*

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-86% and 22-26% respectively. There will be clear to partly cloudy sky for next 5 days. *Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.*

Block	Salepur				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Date	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	7	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	0	1	2	4	1
RH Max (%)	70	81	86	67	69
RH Min (%)	24	23	24	26	22
Wind Speed (Kmph)	13	10	10	12	11
Wind Direction (deg)	203	210	171	162	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. *According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.*

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Light rainfall is forecasted on Monday. The day temperature will 36-37°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-88% and 34-39 % respectively. There will be mainly clear sky for next 5 days. *Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.*

Block	Tangi-Choudwar				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	5	0
T-Max(°C)	36	37	37	36	37
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	0	0	1	4	1
RH Max (%)	81	88	88	61	79
RH Min (%)	37	37	36	39	34
Wind Speed (Kmph)	17	15	14	14	14
Wind Direction (deg)	212	240	203	180	203

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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: The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazim 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena

SMS (Agrometeorology)

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Bulletin No-75
Date-27.03.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 07 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 21°C, respectively. Relative humidity of the district was around 77-63%. **According to NDVI map (11.03.2020 to 17.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-27 February 2020 to 25 March 2020), severely wet condition was there.**

Forecasted period: 28th March 2020 to 01st April 2020

General Advisory: Moderate rainfall is forecasted on Monday. The day temperature will 36-38°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-77% and 19-25% respectively. There will be clear to partly cloudy sky for next 5 days. **Farmers should do their pesticide and fertilizer application except Monday and should go for harvesting of winter pulses and vegetables before Monday. Farmers should keep watch on purple blotch disease in onion, downy mildew in pumpkin, leaf rust in cowpea and leaf blight in tomato.**

Block	Tigiria				
	28/03/2020	29/03/2020	30/03/2020	31/03/2020	01/04/2020
Rainfall(mm)	0	0	0	14	0
T-Max(°C)	38	38	38	38	36
T-Min(°C)	24	24	23	22	24
Cloud Cover(octa)	1	2	2	4	1
RH Max (%)	56	69	77	73	60
RH Min (%)	20	19	23	25	21
Wind Speed (Kmph)	8	9	7	12	8
Wind Direction (deg)	203	158	189	165	169

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (10-13 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.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of 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:** The recent rain may aggravate **collar rot** disease in Groundnut. To control it spray Metalaxyl+Mancozeb@2g/litre of water.
- In case of appearance of the **caterpillar**, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.To control **tikka disease** of groundnut spray Chlorothalonil 75% WP or Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water. If necessary give the second round at 15 days later.

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. **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.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/lt at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.
- 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:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

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