



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



Bulletin No-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 32-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 25-46% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall (mm)	13	9	0	14	4
T-Max (°C)	35	34	35	35	32
T-Min (°C)	24	24	25	25	25
Cloud Cover (octa)	3	5	2	4	2
RH Max (%)	81	90	90	91	83
RH Min (%)	25	29	35	33	46
Wind Speed (kmph)	18	17	18	18	21
Wind Direction (deg)	199	167	189	191	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.

The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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Bulletin No-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 34-36°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 27-42% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	10	5	0	12	2
T-Max(°C)	36	35	36	36	34
T-Min(°C)	23	24	23	24	23
Cloud Cover(octa)	3	5	3	3	1
RH Max (%)	74	86	90	90	85
RH Min (%)	27	27	30	30	42
Wind Speed (Kmph)	15	15	16	16	20
Wind Direction (deg)	197	158	197	198	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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Bulletin No-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 33-36°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-90% and 28-46% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	11	6	0	13	3
T-Max(°C)	36	35	35	36	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	2	5	2	3	2
RH Max (%)	81	88	90	90	83
RH Min (%)	29	28	35	34	46
Wind Speed (Kmph)	19	17	19	20	22
Wind Direction (deg)	203	167	197	198	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxyl+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. **According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.**

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 33-35°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 28-47% respectively. There will be partly to mainly cloudy sky for next 5 days. **As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.**

Block	Banki-Dampara(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	11	6	0	13	3
T-Max(°C)	35	35	35	35	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	2	5	2	3	2
RH Max (%)	82	88	90	90	83
RH Min (%)	29	28	36	34	47
Wind Speed (Kmph)	19	17	20	21	22
Wind Direction (deg)	203	180	197	198	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
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- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. **According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.**

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 31-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 27-55% respectively. There will be partly to mainly cloudy sky for next 5 days. **As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	12	7	0	14	4
T-Max(°C)	34	34	33	34	31
T-Min(°C)	24	24	25	25	25
Cloud Cover	3	5	2	5	2
RH Max (%)	82	89	88	89	82
RH Min (%)	27	32	44	39	55
Wind Speed (Kmph)	23	20	23	25	25
Wind Direction (deg)	203	193	201	201	204

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:-**White fly:- Spray Thiomethoxam @5g/15ltr.Water. **Chilli:-**Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:-**Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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



Bulletin No-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. **According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.**

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 30-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-90% and 24-53% respectively. There will be partly to mainly cloudy sky for next 5 days. **As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	17	10	0	16	5
T-Max(°C)	34	33	33	33	30
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	3	6	2	5	2
RH Max (%)	81	90	87	90	83
RH Min (%)	24	32	40	35	53
Wind Speed (Kmph)	21	18	20	22	23
Wind Direction (deg)	203	167	193	203	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:-**White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:-**Thrips:-Spray Acetamidiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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 cueletr 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.
- **Brinjal:-**Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
 SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 31-34°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 32-58% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	15	10	0	15	2
T-Max(°C)	34	33	32	34	31
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	2	5	2	5	3
RH Max (%)	80	88	88	87	81
RH Min (%)	32	38	50	44	58
Wind Speed (Kmph)	24	22	24	27	29
Wind Direction (deg)	203	198	201	201	203

Agromet Advisory

Summer Maize: Complete maize sowing. 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.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxyl+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-82
Date-21.04.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. **According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.**

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-88% and 26-56% respectively. There will be partly to mainly cloudy sky for next 5 days. **As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	15	13	2	18	2
T-Max(°C)	34	33	32	33	30
T-Min(°C)	25	24	25	23	25
Cloud Cover(octal)	4	6	2	6	3
RH Max (%)	73	88	87	88	84
RH Min (%)	26	38	46	38	56
Wind Speed (Kmph)	22	19	21	22	24
Wind Direction (deg)	203	167	200	197	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water. **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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-82
Date-21.04.2020

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

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. **According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.**

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will be 35-38°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-91% and 23-33% respectively. There will be partly to mainly cloudy sky for next 5 days. **As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	10	3	0	11	1
T-Max(°C)	36	35	38	35	35
T-Min(°C)	23	22	22	22	22
Cloud Cover(/octa)	2	4	3	3	2
RH Max (%)	64	85	91	90	87
RH Min (%)	24	23	23	27	33
Wind Speed (Kmph)	10	9	11	10	15
Wind Direction (deg)	189	153	180	180	204

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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



Bulletin No-82
Date-21.04.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 38-57% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	15	8	1	11	2
T-Max(°C)	34	33	33	34	32
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	2	4	3	5	3
RH Max (%)	80	87	88	87	81
RH Min (%)	38	45	54	48	57
Wind Speed(Kmph)	24	23	25	27	32
Wind Direction(deg)	203	198	201	201	203

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water. **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- *The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.*

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-82
Date-21.04.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 27-57% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	16	12	1	17	2
T-Max(°C)	34	33	32	33	30
T-Min(°C)	25	24	25	23	25
Cloud Cover(octa)	4	5	2	6	3
RH Max (%)	74	87	86	88	82
RH Min (%)	27	37	49	39	57
Wind Speed (Kmph)	23	20	21	23	26
Wind Direction (deg)	203	180	200	200	206

Agromet Advisory

Summer Maize: Complete maize sowing. 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.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:-**White fly:- Spray Thiomethoxam @5g/15ltr.Water. **Chilli:-**Thrips:-Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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 cueletr 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.
- **Brinjal:-**Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval. To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-82
Date-21.04.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 27-57% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	15	11	1	16	2
T-Max(°C)	34	33	32	33	30
T-Min(°C)	25	24	25	23	25
Cloud Cover(octa)	3	5	2	6	3
RH Max (%)	74	88	87	88	83
RH Min (%)	27	36	47	39	57
Wind Speed (Kmph)	23	20	21	23	25
Wind Direction (deg)	203	180	200	200	206

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre. **Groundnut:** Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:-White fly:-** Spray Thiomethoxam @5g/15ltr.Water. **Chilli:-Thrips:-**Spray Acetamidrid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:-Fruit & shoot borer in brinjal:-**Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-82
Date-21.04.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 33-35°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 48-65% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	17	12	0	16	2
T-Max(°C)	35	34	34	35	33
T-Min(°C)	28	28	28	27	29
Cloud Cover(octa)	3	4	1	5	4
RH Max (%)	79	87	88	88	79
RH Min (%)	48	53	63	52	65
Wind Speed (Kmph)	24	22	23	26	34
Wind Direction (deg)	203	167	200	203	212

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre. **Groundnut:** Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:-**White fly:- Spray Thiomethoxam @5g/15ltr.Water. **Chilli:-**Thrips:-Spray Acetamidiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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.
- **Brinjal:-**Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-82
Date-21.04.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 8 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Relative humidity of the district was around 75-58%. *According to NDVI map (08.04.2020 to 14.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-19 March 2020 to 15 April 2020), mildly wet condition was there.*

Forecasted period: 22nd April 2020 to 26th April 2020

General Advisory: Light to moderate rain or thundershower is forecasted for upcoming 5 days except Thursday. The day temperature will 33-36°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-91% and 27-44% respectively. There will be partly to mainly cloudy sky for next 5 days. *As light to moderate rainfall is forecasted farmers should stop their fertilizer and pesticide application and irrigation activities up to Saturday and should start the summer ploughing in rainfed lowland areas with the utilization of pre monsoon rain, where direct seeded rice is to be grown.*

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/04/2020	23/04/2020	24/04/2020	25/04/2020	26/04/2020
Rainfall(mm)	13	8	0	13	2
T-Max(°C)	36	35	36	35	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	3	5	2	4	2
RH Max (%)	78	89	90	91	84
RH Min (%)	27	29	34	32	44
Wind Speed (Kmph)	17	16	17	16	21
Wind Direction (deg)	197	160	197	198	207

Agromet Advisory

Summer Maize: Complete maize sowing. 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 x 15 cm.

Sesame: The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application on sunny days. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

Groundnut: Keep watch for rainfall before harvesting and harvest the crop when plant turns yellow and leaves start drying. If no rain then apply light irrigation before 2-3 days of harvesting. After harvest, dry the pods to reduce the moisture to 8-9 % before storing.

Vegetables: (Plant protection activities should be done only on sunny days)

- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamidiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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 cueleur 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.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- To control **cowpea** rust, apply 2g Chloromethanol or 2g Oxycarboxin in 1 lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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