



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



Bulletin No-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. 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 69-93% and 12-23% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall (mm)	2	0	1	0	0
T-Max (°C)	36	36	37	37	39
T-Min (°C)	23	24	23	24	24
Cloud Cover (octa)	2	4	2	2	3
RH Max (%)	93	74	85	69	70
RH Min (%)	23	21	15	16	12
Wind Speed (kmph)	12	13	13	13	14
Wind Direction (deg)	180	180	180	201	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage. **Mustard:** The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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Bulletin No-79
Date-09.04.2020

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

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 36-39°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-81% and 12-21% respectively. There will be clear partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	1	0	0
T-Max(°C)	37	36	37	37	39
T-Min(°C)	22	23	23	23	24
Cloud Cover(octa)	1	4	2	2	4
RH Max (%)	90	66	81	57	56
RH Min (%)	21	20	14	16	12
Wind Speed (Kmph)	11	10	12	12	13
Wind Direction (deg)	193	199	236	204	199

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage. **Mustard:** The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
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Date-09.04.2020

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

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 35-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-85% and 14-25% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	3	0	2	0	0
T-Max(°C)	35	36	37	37	39
T-Min(°C)	23	24	23	24	24
Cloud Cover(octa)	2	4	2	1	3
RH Max (%)	92	71	85	65	67
RH Min (%)	25	22	15	16	14
Wind Speed (Kmph)	13	13	14	14	15
Wind Direction (deg)	193	203	207	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage. **Mustard:** The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- 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.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. **According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.**

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 35-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-85% and 14-25% respectively. There will be clear to partly cloudy sky for next 5 days. **As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.**

Block	Banki-Dampara(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	3	0	2	0	0
T-Max(°C)	35	36	36	37	39
T-Min(°C)	23	24	23	24	24
Cloud Cover(octa)	1	4	2	1	3
RH Max (%)	92	72	85	66	69
RH Min (%)	25	22	15	16	14
Wind Speed (Kmph)	13	13	14	14	15
Wind Direction (deg)	193	203	207	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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

Oil Seeds:

Groundnut: Complete the intercultivation before flowering. Harvest the matured pods when black lines found in the inner side of shell. Taking the advantage of clear sky and dry weather, dry the harvested groundnut under sky for 3-4 days for optimum moisture and storage. **Mustard:** The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBBG-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- 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.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted for today. The day temperature will 34-38°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 15-28% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	34	35	36	37	38
T-Min(°C)	24	24	23	24	24
Cloud Cover	2	4	2	1	3
RH Max (%)	94	82	89	77	84
RH Min (%)	28	23	17	17	15
Wind Speed (Kmph)	15	16	16	18	19
Wind Direction (deg)	203	201	203	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

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-79
Date-09.04.2020

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

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. **According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.**

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-94% and 13-25% respectively. There will be clear to partly cloudy sky for next 5 days. **As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	1	0	1	0	0
T-Max(°C)	34	35	36	37	38
T-Min(°C)	24	25	24	24	24
Cloud Cover(octa)	2	4	2	1	3
RH Max (%)	94	80	88	76	81
RH Min (%)	25	21	16	15	13
Wind Speed (Kmph)	13	15	14	16	17
Wind Direction (deg)	193	203	180	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- 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 cueure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

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-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 34-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-92% and 19-34% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	36	37	37
T-Min(°C)	24	24	24	25	25
Cloud Cover(octa)	1	4	2	0	3
RH Max (%)	92	86	88	76	85
RH Min (%)	34	28	19	19	19
Wind Speed (Kmph)	17	18	16	20	21
Wind Direction (deg)	203	204	203	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikihira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBBG-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downy mildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



Bulletin No-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 35-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-92% and 14-26% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	1	0	0
T-Max(°C)	35	36	36	37	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octal)	1	4	3	1	2
RH Max (%)	92	80	86	76	81
RH Min (%)	26	22	17	14	14
Wind Speed (Kmph)	14	16	14	17	20
Wind Direction (deg)	201	204	225	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



Bulletin No-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted for today. The day temperature will 38-39°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-87% and 11-19% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	39	38	39	38	39
T-Min(°C)	21	22	23	23	23
Cloud Cover(/octa)	1	4	2	3	4
RH Max (%)	87	61	76	44	45
RH Min (%)	17	19	13	15	11
Wind Speed (Kmph)	8	7	8	8	9
Wind Direction (deg)	193	236	165	203	225

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. **According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.**

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 34-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-91% and 23-38% respectively. There will be clear to partly cloudy sky for next 5 days. **As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	36	37	36
T-Min(°C)	24	24	24	25	25
Cloud Cover(octa)	1	4	2	0	3
RH Max (%)	91	88	86	77	85
RH Min (%)	38	34	24	23	24
Wind Speed(Kmph)	17	19	16	21	23
Wind Direction(deg)	203	204	203	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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

Oil Seeds:

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

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

Vegetables and fruits: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NRBH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

- 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.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45%SC@70ml/acre with 200 litres 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:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

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-79
Date-09.04.2020

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

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. The day temperature will 35-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 15-29% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	1	0	0
T-Max(°C)	35	36	36	37	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octa)	1	4	2	1	2
RH Max (%)	92	81	87	77	83
RH Min (%)	29	24	18	15	15
Wind Speed (Kmph)	15	16	15	18	21
Wind Direction (deg)	201	204	203	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downy mildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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GRAMIN KRUSHI MAUSAM SEVA
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Bulletin No-79
Date-09.04.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted for today. The day temperature will 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-93% and 15-28% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	34	35	36	37	38
T-Min(°C)	24	25	24	24	25
Cloud Cover(octa)	2	4	2	1	2
RH Max (%)	93	81	87	77	83
RH Min (%)	28	23	17	15	15
Wind Speed (Kmph)	14	16	15	18	20
Wind Direction (deg)	201	204	191	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjariand Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBBG-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-79
Date-09.04.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 35-38°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-90% and 32-45% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	37	38	38
T-Min(°C)	25	25	24	26	26
Cloud Cover(octa)	1	3	2	1	4
RH Max (%)	90	86	85	79	83
RH Min (%)	45	43	36	32	32
Wind Speed (Kmph)	19	20	19	23	25
Wind Direction (deg)	203	204	208	203	203

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara ,Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjariand Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long , Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBBG-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-79
Date-09.04.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 22°C, respectively. Relative humidity of the district was around 74-52%. *According to NDVI map (01.04.2020 to 07.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-12 March 2020 to 08 April 2020), mildly wet condition was there.*

Forecasted period: 10th April 2020 to 14th April 2020

General Advisory: Very light rain or thundershower is forecasted on today and Saturday. 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 63-92% and 12-22% respectively. There will be clear to partly cloudy sky for next 5 days. *As maximum temperature is likely to rise, farmers should conserve soil moisture by mulching and covering of soil. Farmers should do drip and sprinkler irrigations on sunny days based upon soil moisture requirement and should complete the sowing of summer maize and vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, Pumpkin.*

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2020	11/04/2020	12/04/2020	13/04/2020	14/04/2020
Rainfall(mm)	2	0	1	0	0
T-Max(°C)	36	36	37	37	39
T-Min(°C)	23	24	23	24	24
Cloud Cover(octa)	2	4	2	2	3
RH Max (%)	92	71	83	63	63
RH Min (%)	22	20	15	16	12
Wind Speed (Kmph)	11	12	12	12	13
Wind Direction (deg)	193	199	203	201	199

COVID-19 ADVISORY: in view of threat of Corona virus, measures of personal hygiene and social distancing to be followed by those engaged in different farm operations. Farmers are advised to take adequate personal safety measures for loading and transporting of farm produce and while participating in sale at market/mandi.

Agromet Advisory

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% Chloropyrriphos 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. 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.

Oil Seeds:

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

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

Vegetables and fruits:

- Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikihira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1
- Downy mildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.
- Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water.
- Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

Animal husbandry:

- Temperature is rising; animals may preferably be grazed during early morning to avoid exposure to extreme hot conditions.
- Proper ventilation should be maintained for free circulation of air in the sheds. Due to high temperature and dry weather, make drinking water available around the animals and birds.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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