



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



Bulletin No-77  
Date-03.04.2020

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

District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020

**General Advisory:** Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday. The day temperature will 34-38°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-82% and 16-28% 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	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall (mm)	0	3	1	0	5
T-Max (°C)	38	34	35	38	38
T-Min (°C)	23	23	25	24	24
Cloud Cover (octa)	4	2	2	3	4
RH Max (%)	82	85	57	68	74
RH Min (%)	16	28	21	16	19
Wind Speed (kmph)	11	11	11	11	11
Wind Direction (deg)	180	195	203	180	225

Agromet Advisory

Pulses:

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

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

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

**Dr.Dilip Ranjan Sarangi**  
(Nodal officer)

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



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**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-77**  
**Date-03.04.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR BADAMBA  
District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow and Tuesday. The day temperature will 36-39°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-78% 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	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	0	0	4
T-Max(°C)	38	36	36	38	39
T-Min(°C)	23	23	24	25	24
Cloud Cover(octa)	4	2	2	3	4
RH Max (%)	74	78	59	59	68
RH Min (%)	14	25	19	16	18
Wind Speed (Kmph)	10	10	12	10	11
Wind Direction (deg)	171	203	210	191	207

Agromet Advisory

Pulses:

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

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

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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



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**Bulletin No-77**  
**Date-03.04.2020**

**E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)**  
**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow and Tuesday. The day temperature will 35-38°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-85% and 18-27 % respectively. There will be clear to partly cloudy sky for next 5 days. **As maximum temperature is likely to rise, famers 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	0	0	7
T-Max(°C)	38	36	35	38	38
T-Min(°C)	23	23	24	25	24
Cloud Cover(octa)	3	2	2	3	4
RH Max (%)	80	85	58	64	74
RH Min (%)	18	27	20	18	20
Wind Speed (Kmph)	13	11	12	11	13
Wind Direction (deg)	199	203	210	197	203

**Agromet Advisory**

**Pulses:**

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

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

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

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**(Nodal officer)**

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

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory: No rainfall is forecasted for upcoming 5 days.** The day temperature will 35-38°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-86% and 18-27% 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	1	0	7
T-Max(°C)	38	36	35	38	38
T-Min(°C)	23	23	24	25	24
Cloud Cover(octa)	3	2	1	3	4
RH Max (%)	80	86	58	65	76
RH Min (%)	18	27	21	18	20
Wind Speed (Kmph)	13	11	12	12	13
Wind Direction (deg)	199	203	210	199	205

**Agromet Advisory**

**Pulses:**

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

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

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
**(Nodal officer)**

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



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**Bulletin No-77**  
**Date-03.04.2020**

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**AGROMET ADVISORY BULLETIN FOR BARANGA**

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory: Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday.** The day temperature will 35-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-91% and 20-28% 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	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	3	3	0	9
T-Max(°C)	37	35	35	37	37
T-Min(°C)	24	24	25	25	25
Cloud Cover	2	2	2	3	4
RH Max (%)	83	91	64	76	84
RH Min (%)	22	28	24	20	23
Wind Speed (Kmph)	16	13	12	15	15
Wind Direction (deg)	201	205	225	203	203

**Agromet Advisory**

**Pulses:**

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

**Summer Maize:** Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P<sub>2</sub>O<sub>5</sub>, and 16 Kg K<sub>2</sub>O per acre. Go for sowing in lines at 45 x15 cm.

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR  
District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday. The day temperature will 33-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-90% and 18-31% 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	3	2	0	8
T-Max(°C)	37	33	34	37	37
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	3	2	2	3	4
RH Max (%)	84	90	62	73	79
RH Min (%)	18	31	23	18	21
Wind Speed (Kmph)	14	12	11	13	13
Wind Direction (deg)	197	203	210	199	169

**Agromet Advisory**

**Pulses:**

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

**Summer Maize:** Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P<sub>2</sub>O<sub>5</sub>, and 16 Kg K<sub>2</sub>O per acre. Go for sowing in lines at 45 x15 cm.

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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





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



Bulletin No-77  
Date-03.04.2020

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

District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020

**General Advisory:** Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday. The day temperature will 35-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 23-31% 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	1	0	8
T-Max(°C)	36	35	35	37	37
T-Min(°C)	25	24	25	25	25
Cloud Cover(octa)	2	2	2	3	4
RH Max (%)	82	90	69	81	88
RH Min (%)	27	31	28	23	29
Wind Speed (Kmph)	19	16	12	17	16
Wind Direction (deg)	203	203	208	201	225

Agromet Advisory

Pulses:

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

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

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

**Dr.Dilip Ranjan Sarangi**  
(Nodal officer)

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



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



**Bulletin No-77**  
**Date-03.04.2020**

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

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory: Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday.** 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 65-91% and 22-32% 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	4	0	7
T-Max(°C)	37	34	36	37	38
T-Min(°C)	24	24	25	25	25
Cloud Cover(octal)	3	2	1	2	4
RH Max (%)	82	91	65	78	79
RH Min (%)	22	32	28	22	23
Wind Speed (Kmph)	15	12	11	15	17
Wind Direction (deg)	204	205	210	199	225

**Agromet Advisory**

**Pulses:**

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

**Summer Maize:** Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P<sub>2</sub>O<sub>5</sub>, and 16 Kg K<sub>2</sub>O per acre. Go for sowing in lines at 45 x15 cm.

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
**(Nodal officer)**

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





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



Bulletin No-77  
Date-03.04.2020

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020

General Advisory: Light rain or thundershower is forecasted on tomorrow and Tuesday. The day temperature will 36-41°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-68% 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	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	0	0	3
T-Max(°C)	39	36	36	38	41
T-Min(°C)	22	23	23	24	23
Cloud Cover(/octa)	4	1	2	3	4
RH Max (%)	66	68	63	53	62
RH Min (%)	12	22	18	15	15
Wind Speed (Kmph)	7	8	9	7	8
Wind Direction (deg)	162	15	225	191	200

Agromet Advisory

Pulses:

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

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P<sub>2</sub>O<sub>5</sub>, and 16 Kg K<sub>2</sub>O per acre. Go for sowing in lines at 45 x15 cm.

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

Dr.Dilip Ranjan Sarangi  
(Nodal officer)

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



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



**Bulletin No-77**  
**Date-03.04.2020**

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

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory: Light rain or thundershower is forecasted on Tuesday.** The day temperature will 35-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 27-35% respectively. There will be mainly clear 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
<b>Rainfall(mm)</b>	0	0	0	0	5
<b>T-Max(°C)</b>	36	35	35	37	36
<b>T-Min(°C)</b>	25	24	24	25	25
<b>Cloud Cover(octa)</b>	2	1	0	2	4
<b>RH Max (%)</b>	83	89	73	82	90
<b>RH Min (%)</b>	30	34	33	27	35
<b>Wind Speed(Kmph)</b>	21	18	13	19	18
<b>Wind Direction(deg)</b>	203	204	225	203	236

**Agromet Advisory**

**Pulses:**

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

**Summer Maize:** Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P<sub>2</sub>O<sub>5</sub>, and 16 Kg K<sub>2</sub>O per acre. Go for sowing in lines at 45 x15 cm.

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
**(Nodal officer)**

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



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



**Bulletin No-77**  
**Date-03.04.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI  
District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday. 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 65-91% and 24-31% 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	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	3	5	0	7
T-Max(°C)	36	34	36	37	38
T-Min(°C)	25	24	25	25	25
Cloud Cover(octa)	2	2	1	2	4
RH Max (%)	82	91	65	79	82
RH Min (%)	24	31	29	24	25
Wind Speed (Kmph)	17	13	11	16	17
Wind Direction (deg)	204	205	207	203	225

Agromet Advisory

Pulses:

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

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

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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





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



**Bulletin No-77**  
**Date-03.04.2020**

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

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow, Sunday and Tuesday. 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 65-92% and 23-31% 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
<b>Rainfall(mm)</b>	0	2	5	0	8
<b>T-Max(°C)</b>	36	34	36	37	38
<b>T-Min(°C)</b>	25	24	25	25	25
<b>Cloud Cover(octa)</b>	3	2	2	2	4
<b>RH Max (%)</b>	82	92	65	78	82
<b>RH Min (%)</b>	23	31	28	23	24
<b>Wind Speed (Kmph)</b>	16	13	11	15	16
<b>Wind Direction (deg)</b>	204	205	207	199	225

**Agromet Advisory**

**Pulses:**

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

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

**Oil Seeds:**

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

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

**Vegetables and fruits:**

• **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times. Current weather is favourable for attack of **fruit fly in cucurbits**. So install cuelure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.

• **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

• **Tomato**- In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pest, spray Spinosad 45SC@70ml/acre with 200 litres of water

• **Onion:Purple blotch** disease may occur in onion during this weather condition. Spray 600g mancozeb with 100 ml sticker mixing with 200 lit of water per acre crop area. The onion crop is at bulb development to maturity (fourteen to eighteen week) stage. Irrigate the crop at 7days interval and postpone irrigation 15days before harvesting.

• **Beans and Cow pea**- sucking pests like **aphid and white fly** are major pest attacking the crops. go for alternate spray of neem based pesticide 1500ppm@600ml/acre with imidacloprid 17.8 sl@70ml/acre.

• **Mango:** Spray NAA @ 0.4 g/15 litre of water at flowering stage and second spray at 4 week of fruit setting to increase fruit retention. Present condition is congenial for mango hopper, spray two rounds with imidacloprid 17.8% sl @ 0.3 ml/litre of water or thiamethoxam 25% wg @ 0.2 g/litre of water.

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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



**GRAMIN KRUSHI MAUSAM SEVA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-77**  
**Date-03.04.2020**

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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. *According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.*

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on Tuesday. The day temperature will 35-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 38-45 % respectively. There will be mainly clear 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)				
	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	37	35	35	37	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	1	2	0	1	4
RH Max (%)	85	88	78	82	85
RH Min (%)	38	40	45	38	43
Wind Speed (Kmph)	22	19	16	22	23
Wind Direction (deg)	203	203	225	203	214

Agromet Advisory

Pulses:

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

Summer Maize:

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

Oil Seeds:

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

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

Vegetables and fruits:

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

Animal husbandry:

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

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

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



**GRAMIN KRUSHI MAUSAM SEVA**  
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Bulletin No-77  
Date-03.04.2020

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Relative humidity of the district was around 72-50%. **According to NDVI map (25.03.2020 to 31.03.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-05 March 2020 to 01 April 2020), severely wet condition was there.**

**Forecasted period: 04<sup>th</sup> April 2020 to 08<sup>th</sup> April 2020**

**General Advisory:** Light rain or thundershower is forecasted on tomorrow and Tuesday. 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 57-81% and 16-27% 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	04/04/2020	05/04/2020	06/04/2020	07/04/2020	08/04/2020
Rainfall(mm)	0	2	0	0	4
T-Max(°C)	38	35	35	38	39
T-Min(°C)	23	23	24	24	24
Cloud Cover(octa)	4	2	2	3	4
RH Max (%)	79	81	57	64	71
RH Min (%)	15	27	20	16	19
Wind Speed (Kmph)	10	11	12	11	11
Wind Direction (deg)	180	195	203	198	203

**Agromet Advisory**

**Pulses:**

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

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

**Oil Seeds:**

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

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

**Vegetables and fruits:**

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

**Animal husbandry:**

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

**Dr.Dilip Ranjan Sarangi**  
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