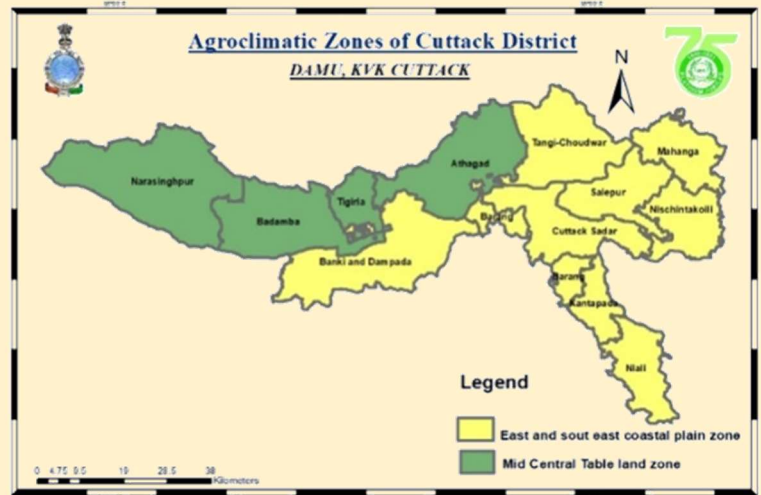




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 22nd November, 2024
 (For the period 22nd to 26th November,
 2024)*



*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*



Dr Ranjan Kumar Mohanta
 (Nodal officer)

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STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 10 OCTOBER TO 06 NOVEMBER 2024</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> No Data < -2.0 (Extremely Dry) 0% Area -1.99 to -1.80 (Very Dry) 2% Area -1.79 to -1.60 (Dry) 5% Area -1.59 to -1.40 (Moderately Dry) 10% Area -1.39 to -1.20 (Slightly Dry) 15% Area -1.19 to -1.00 (Near Normal) 20% Area -0.99 to -0.80 (Slightly Wet) 25% Area -0.79 to -0.60 (Near Normal) 30% Area -0.59 to -0.40 (Moderately Wet) 35% Area -0.39 to -0.20 (Very Wet) 40% Area -0.19 to 0.00 (Extremely Wet) 45% Area 	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 46 (11.11.2024 to 17.11.2024) over Agricultural region</p> <p>Odisha</p> <ul style="list-style-type: none"> -9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p>Bare soil, rocks clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> <p>Agriculture vigour is good at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -10 October to 06 November, 2024), Mildly Wet condition was there in Cuttack district.</p>	<p>According to NDVI map (11.11.2024 to 17.11.2024) the agriculture vigor was Moderate over most places of Cuttack district.</p>

LEGEND (Medium range block level rainfall forecast)		
No Rainfall	00 mm	
Very light rainfall	01-05 mm	
Light rainfall	06-10 mm	
Light to moderate rainfall	11-30 mm	
Moderate to heavy rainfall	31-65 mm	
Heavy to very heavy rainfall	66-115 mm	
Extremely heavy rainfall	>116 mm	

LEGEND (Past week temperature)		
Color code	Temperature	Departure
Blue	Below Normal	< 2°C from normal
Green	Normal	-2°C to +2°C from normal
Yellow	Above Normal	>2°C from normal



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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Rice	Milkygrain stage to harvesting stage	 Rice ear head bug
			 Neck blast
			 Gundhi bug
2	Sugarcane	Grand growth stage to cane development stag	 Wooly Aphid
			 Scale insect
			 White fly
			 Mealy bug
4	Cole crops	Vegetative to fruiting	 DBM
			 Leaf eating caterpillar
			 Aphid
			 Fruit Borer
5	Vegetables	Vegetative to fruiting	 sucking pest(Aphid, Mites, Thrips)
6	Tomato	Fruiting	 Late Blight



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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539

Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-29°C and night temperature will be 17-19°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 60-72% and 36-41% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	29	27
T-Min (°C)	17	17	17	17	19
Cloud Cover (octa)	0	3	8	8	8
RH Max (%)	72	72	70	68	60
RH Min (%)	39	38	37	36	41
Wind Speed (kmph)	6	6	6	8	10
Wind Direction (deg)	15	15	68	349	32

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvestingstage. As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml/liter of water.

VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



**Dr Ranjan Kumar Mohanta
(Nodal officer)**

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DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal) and 16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory:*Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **26-29°C**and night temperature will be **16-18°C**for upcoming 5 days. Maximum and minimum relative humidity will be 62-73% and 34-38% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	26
T-Min(°C)	16	16	16	16	18
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	72	73	72	67	62
RH Min (%)	38	36	36	34	38
Wind Speed (Kmph)	5	6	6	7	8
Wind Direction (deg)	19	15	90	349	23

Agromet Advisory

General Advisory:*Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is grain formation to harvestingstage.**As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses.This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.**Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:** Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantranilprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



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 (Nodal officer)

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 00mm rainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°C from normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27th November (8.30IST)2024

Weather advisory; Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **26-29°C** and night temperature will be **16-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 61-71% and 35-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	26
T-Min(°C)	17	17	17	16	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	71	71	71	67	61
RH Min (%)	38	37	36	35	40
Wind Speed (Kmph)	6	6	6	8	10
Wind Direction (deg)	23	15	68	68	27

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



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KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

WeatherAdvisory:*Dry weather is forecasted for upcoming 5 days in the block.*The day temperature will be **26-29°C** and night temperature will be **16-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 61-71% and 35-40% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Banki-Dampada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	26
T-Min(°C)	17	17	17	16	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	70	71	71	67	61
RH Min (%)	38	37	36	35	40
Wind Speed (Kmph)	6	6	6	8	10
Wind Direction (deg)	23	15	68	68	27

Agromet Advisory

General Advisory:*Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

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PULSES:

21-26°C soil temperature is required for proper germination of pulses.This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

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VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Tomato: **Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato,** to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



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**(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com**

**Bulletin No.-539
Date- 22/11/2024**

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block.The day temperature will be **27-30°C** and night temperature will be **17-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 57-69% and 35-42% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	29	27
T-Min(°C)	18	18	18	17	19
Cloud Cover	0	3	8	8	8
RH Max (%)	69	69	68	63	57
RH Min (%)	38	36	35	37	42
Wind Speed (Kmph)	7	7	8	10	14
Wind Direction (deg)	360	360	45	28	27

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvestingstage. As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from Gundhi bug apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Tomato: Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



**Dr Ranjan Kumar Mohanta
(Nodal officer)**

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539

Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block.The day temperature will be **27-30°C** and night temperature will be **18-19°C**forupcoming 5 days. Maximum and minimum relative humidity will be 57-70% and 35-41% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	29	27
T-Min(°C)	18	18	18	18	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	69	70	67	64	57
RH Min (%)	38	37	35	37	41
Wind Speed (Kmph)	6	7	7	9	13
Wind Direction (deg)	15	15	30	28	27

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvestingstage. As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses.This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides.For control of Sucking pest in sugarcane like **Wooly aphid, Whitefly,Scaleinsects,mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. Apply irrigation in field if mustard was sown before 15-20 days.Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°C from normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-68% and 36-44% respectively. There will be clear to partly cloudy for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	29	27
T-Min(°C)	18	18	18	17	20
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	68	68	67	60	58
RH Min (%)	38	36	36	38	44
Wind Speed (Kmph)	8	9	9	11	15
Wind Direction (deg)	23	360	60	28	24

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Wooly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Tomato: Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory:: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 27-29°C and night temperature will be 17-19°Cfor upcoming 5 days. Maximum and minimum relative humidity will 58-67% and 36-43% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	28	27
T-Min(°C)	18	18	18	17	19
Cloud Cover(octal)	0	3	8	8	8
RH Max (%)	67	67	66	61	58
RH Min (%)	37	36	36	38	43
Wind Speed (Kmph)	7	8	8	11	14
Wind Direction (deg)	360	360	15	27	27

Agro-met Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvestingstage. As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from Gundhi bug apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides.For control of Sucking pest in sugarcane like Wooly aphid, Whitefly,Scaleinsects,mealybug in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
 (Nodal officer)

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **26-29°C** and night temperature will be **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-76% and 32-35% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	28	26
T-Min(°C)	15	15	15	15	16
Cloud Cover(/octa)	0	3	8	8	8
RH Max (%)	75	76	74	68	64
RH Min (%)	35	33	33	32	35
Wind Speed (Kmph)	4	4	4	6	6
Wind Direction (deg)	11	15	45	68	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather is forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
(Nodal officer)

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539

Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°C from normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **27-30°C** and night temperature will be **17-20°C** for upcoming 5 days. Maximum and *minimum* relative humidity will be 59-70% and 37-45% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	29	29	27
T-Min(°C)	18	18	18	17	20
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	68	70	66	61	59
RH Min (%)	38	37	37	39	45
Wind Speed(Kmph)	9	10	10	12	16
Wind Direction(deg)	45	64	65	34	23

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Wooly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather is forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°C from normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-67% and 36-44% respectively. There will be clear to partly cloudy for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	29	29	27
T-Min(°C)	18	18	18	17	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	67	67	66	61	58
RH Min (%)	37	36	36	38	44
Wind Speed (Kmph)	8	8	8	11	15
Wind Direction (deg)	360	360	45	28	27

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Wooly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
(Nodal officer)

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°C from normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weather advisory:: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 27-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-67% and 36-43% respectively.

There will be clear to partly cloudysky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	29	27
T-Min(°C)	18	18	18	17	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	67	67	66	60	57
RH Min (%)	37	36	36	38	43
Wind Speed (Kmph)	7	8	8	11	15
Wind Direction (deg)	360	360	45	28	27

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is grain formation to harvesting stage. **As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml/liter of water.**

VEGETABLES: **As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.**

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** **Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato,** to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
 (Nodal officer)

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DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-539
 Date- 22/11/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal)** and **16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory:: Dry weather is forecasted for upcoming 5 days in the block.The day temperature will be **27-29°C** and night temperature will be **17-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 62-70% and 42-51% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	28	27
T-Min(°C)	18	18	18	17	19
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	69	70	67	62	64
RH Min (%)	42	42	43	43	51
Wind Speed (Kmph)	11	12	12	15	19
Wind Direction (deg)	64	64	60	26	23

Agromet Advisory

General Advisory:Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Khari Rice:

Paddy is grain formation to harvestingstage.As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

21-26°C soil temperature is required for proper germination of pulses.This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.**Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml/liter of water.

VEGETABLES:As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer** and **leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** **Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato,** to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



Dr Ranjan Kumar Mohanta
 (Nodal officer)

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KRISHI VIGYAN KENDRA CUTTACK**



**(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com**

**Bulletin No.-539
Date- 22/11/2024**

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00mm&district received average 00mmrainfall during the last week. The mean daily maximum and minimum temperature was **28.5°C (-2.47°Cfrom normal) and 16.35°C (-1.62°C from normal)**, respectively. Mean relative humidity of the district was around 65-74%.

Forecasted period: Today(8.30IST) to 27thNovember (8.30IST)2024

Weatheradvisory:;Dry weather is forecasted for upcoming 5 days in the block.Thedaytemperature will be 27-29°C and night temperature will be 16-18°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 62-73% and 36-40% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/11/2024	23/11/2024	24/11/2024	25/11/2024	26/11/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	27
T-Min(°C)	17	17	17	16	18
Cloud Cover(octa)	0	3	8	8	8
RH Max (%)	72	73	71	69	62
RH Min (%)	39	38	37	36	40
Wind Speed (Kmph)	5	6	6	7	9
Wind Direction (deg)	23	15	68	349	32

Agro met Advisory

General Advisory:;Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice;

Paddy is grain formation to harvestingstage.**As dry weather is forecasted for next 5days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

PULSES;

21-26°C soil temperature is required for proper germination of pulses.This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Mustard;

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree,Indian mustard- Mahyco bold, JD 6. **Apply irrigation in field if mustard was sown before 15-20 days.**Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard,to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES;As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**
- **Cabbage and Cauliflower;**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation.Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Brinjal;**
- **Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- **Tomato;** **Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato,** to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.



**Dr Ranjan Kumar Mohanta
(Nodal officer)**

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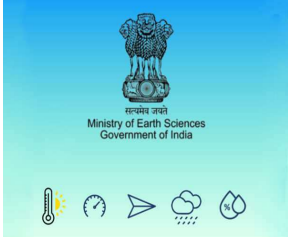
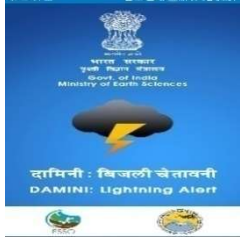


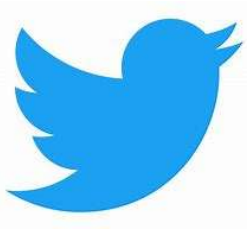






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KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-539
Date- 22/11/2024

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	



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