



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

E-mail: kvkcuttack@gmail.com



Bulletin No-123  
Date-11.09.2020

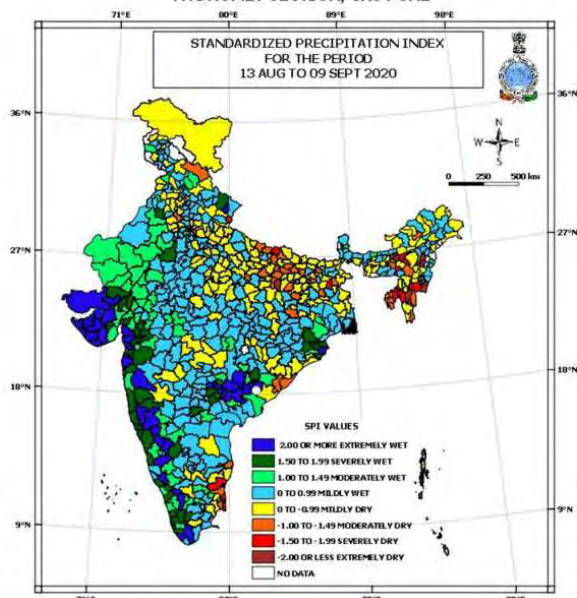
**AGROCLIMATIC ZONE OF CUTTACK DISTRICT:**

1. *East & South East coastal plain zone (Blocks: Banki, Banki-Dampara, Baranga, Cuttack sadar, Salepur, Nischintakoilli, Niali, Kantapada, Mahanga, Tangi-choudwar)*
2. *Mid central table land zone (Blocks: Narsinghpur, Badamba, Tigiria, Athagad)*

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

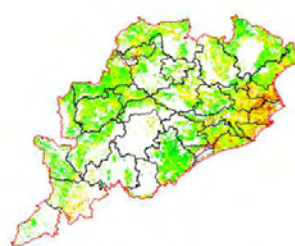
Standardised Precipitation Index  
for the period 13<sup>th</sup> August to 9<sup>th</sup> September 2020

MINISTRY OF EARTH SCIENCES  
INDIA METEOROLOGICAL DEPARTMENT  
HYDROMET SECTION, CRS PUNE



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 36  
(02.09.2020 to 08.09.2020) over Agricultural region

**Odisha**



Agriculture vigour is good over isolated parts of the state.

Source: <https://www.star.nesdis.noaa.gov>

**As per SPI value (cumulative 4weeks -13August 2020 to 09 September 2020), moderately wet condition was there in Cuttack district.**

**According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district.**

Mrs. Sujata Sethy  
(Nodal officer)



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APP for Lightening alert in your area



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



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Date-11.09.2020

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

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

The block received 0 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will 34-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-94% and 54-64% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

lock	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall (mm)	5	0	2	4	5
T-Max (°C)	35	35	34	34	34
T-Min (°C)	25	25	25	24	25
Cloud Cover (octa)	6	6	7	8	7
RH Max (%)	92	91	91	94	93
RH Min (%)	55	54	62	57	64
Wind Speed (kmph)	12	11	12	12	13
Wind Direction (deg)	162	156	156	148	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.

**Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is stem borer infestation spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If swarming caterpillar found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control bacterial leaf blight spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of Blast incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase Thrips infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of bacterial leaf streak i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

**Maize:** If fall Army Worm infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If leaf Blight disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.

**Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Liter (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. White ant attack has been found in low rain fall areas. Go for soil drenching with 2 ml Chlorpyrifos in each litre water thoroughly. Tikka disease has been found due to climatic condusiveness, then apply Carbendazim @ 2gm/Litre of water. Hairy caterpillar in Groundnut has been found, Apply 10-12 kg Chlorpyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of Wilt disease, then spray @ 1gm streptomycin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.

**VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of termites in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control YMV in Okra and thrips in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. Fruit fly in Cucurbit crops Spray Malathion @ 2 ml/litre of water. Root rot of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litre of Water.

**Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

**Mrs. Sujata Sethy**  
(Nodal officer)



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



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Date-11.09.2020

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

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

The block received 18 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will 34-35°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-94% and 54-63% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	5	0	1	5	4
T-Max(°C)	35	35	34	34	34
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	6	6	6	8	7
RH Max (%)	93	92	92	94	94
RH Min (%)	56	54	59	58	63
Wind Speed (Kmph)	11	10	12	12	13
Wind Direction (deg)	180	156	153	148	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25% WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Litre (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chloropyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic codusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found, Apply 10-12 kg Chloropyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease**, then spray @ 1gm streptocyclin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

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(Nodal officer)



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Bulletin No-123  
 Date-11.09.2020

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

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

The block received 40 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34-35°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-93% and 53-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	4	0	1	4	2
T-Max(°C)	35	35	34	34	34
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	6	6	6	8	7
RH Max (%)	91	90	90	93	92
RH Min (%)	54	53	59	56	61
Wind Speed (Kmph)	12	11	13	12	14
Wind Direction (deg)	180	156	156	153	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25% WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. **Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Litre (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chloropyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic condusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found, Apply 10-12 kg Chloropyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease**, then spray @ 1gm streptocyclin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

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**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week weather condition**

**The district received 14 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. **According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district** Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-93% and 53-62% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	5	0	1	4	3
T-Max(°C)	35	35	34	34	34
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	6	6	6	8	7
RH Max (%)	91	90	90	93	92
RH Min (%)	54	53	60	57	62
Wind Speed (Kmph)	12	11	13	12	14
Wind Direction (deg)	180	156	156	153	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- **Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop , to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- **Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Litre (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chloropyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic codusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found , Apply 10-12 kg Chloropyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease** , then spray @ 1gm streptocyclin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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-123**  
**Date-11.09.2020**

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

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

The block received 0 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-90% and 54-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	4	1	1	3	3
T-Max(°C)	35	34	34	34	34
T-Min(°C)	26	26	25	25	26
Cloud Cover	6	6	6	8	7
RH Max (%)	89	89	87	90	90
RH Min (%)	54	54	60	56	61
Wind Speed (Kmph)	12	11	13	13	13
Wind Direction (deg)	193	158	156	156	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha in the clear weather condition.
- Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. **Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Litre (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chloropyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic condusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found, Apply 10-12 kg Chloropyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease**, then spray @ 1gm streptocyclin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water. **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
 (Nodal officer)



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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-123  
Date-11.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 41 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 53-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	4	2	2	1	4
T-Max(°C)	35	35	34	34	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	6	7	8	7
RH Max (%)	90	89	88	91	91
RH Min (%)	54	53	60	54	61
Wind Speed (Kmph)	12	11	13	13	13
Wind Direction (deg)	167	158	158	156	156

**Agromet Advisory**

**General Adviosry:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- **Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- **Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water Cut the branches during inter-crop to enhance the growth.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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)**  
**E-mail: kvkcuttack@gmail.com**



**Bulletin No-123**  
**Date-11.09.2020**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received 02 mm and district received 14 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. **According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district.** Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days. **(There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings).** The day temperature will be 33-34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-88% and 56-61% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e. -50.2% departure from normal.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	5	2	2	2	3
T-Max(°C)	34	34	34	33	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	6	6	6	7	7
RH Max (%)	88	88	85	88	88
RH Min (%)	58	57	59	56	61
Wind Speed (Kmph)	13	12	13	13	14
Wind Direction (deg)	201	159	158	156	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.
- **Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalophos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- **Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water Cut the branches during inter-crop to enhance the growth.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

**Mrs. Sujata Sethy**  
**(Nodal officer)**



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**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-123  
Date-11.09.2020

**AGROMET ADVISORY BULLETIN FOR MAHANGA**  
**District Past week weather condition and Block past Rainfall condition**

The block received 15 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Monday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-90% and 54-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	9	2	1	0	5
T-Max(°C)	34	34	34	34	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octal)	7	6	7	8	7
RH Max (%)	90	89	87	88	89
RH Min (%)	54	55	58	54	61
Wind Speed (Kmph)	12	12	13	13	14
Wind Direction (deg)	198	162	158	158	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water Cut the branches during inter-crop to enhance the growth.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofol @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

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(Nodal officer)



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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-123**  
**Date-11.09.2020**

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

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

The block received 23 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 33-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 95-96% and 55-62% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e. -50.2% departure from normal.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	2	0	1	4	3
T-Max(°C)	34	34	34	33	33
T-Min(°C)	23	23	23	23	24
Cloud Cover(/octa)	6	5	6	8	7
RH Max (%)	96	95	95	96	96
RH Min (%)	56	55	58	58	62
Wind Speed (Kmph)	7	8	10	10	10
Wind Direction (deg)	162	158	153	135	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.
- **Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100- ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- **Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quisqualop Ethyl @ 2ml/Litre (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chlorpyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic codusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found, Apply 10-12 kg Chlorpyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease**, then spray @ 1gm streptomycin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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-123  
Date-11.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received 06 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 33-34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-87% and 59-63% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September-22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	5	2	2	2	3
T-Max(°C)	34	34	34	33	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	6	6	6	7	7
RH Max (%)	87	87	84	86	86
RH Min (%)	62	59	60	59	63
Wind Speed(Kmph)	13	13	14	14	15
Wind Direction(deg)	203	162	158	156	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.
- Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water. Cut the branches during inter-crop to enhance the growth.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-123  
Date-11.09.2020

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 04 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Monday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will 34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-90% and 54-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e. -50.2% departure from normal.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	6	2	2	0	2
T-Max(°C)	34	34	34	34	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	6	7	8	7
RH Max (%)	90	88	86	88	88
RH Min (%)	55	56	57	54	61
Wind Speed (Kmph)	12	12	13	13	14
Wind Direction (deg)	198	162	158	158	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- **Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- **Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water. Cut the branches during inter-crop to enhance the growth.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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)**  
E-mail: kvkcuttack@gmail.com



Bulletin No-123  
Date-11.09.2020

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 06 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Monday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-90% and 54-61% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	7	1	1	0	3
T-Max(°C)	34	34	34	34	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	6	7	8	7
RH Max (%)	90	88	86	88	89
RH Min (%)	55	56	58	54	61
Wind Speed (Kmph)	12	12	13	13	14
Wind Direction (deg)	193	159	158	158	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

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**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

E-mail: kvkcuttack@gmail.com



Bulletin No-123  
Date-11.09.2020

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received 05 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will 33-34°C and night temperature will be 29°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-84% and 64-68% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September-22<sup>nd</sup> September) i.e -50.2% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	4	1	1	1	1
T-Max(°C)	33	34	34	33	33
T-Min(°C)	29	29	29	29	29
Cloud Cover(octa)	6	6	6	7	6
RH Max (%)	84	84	83	83	83
RH Min (%)	68	64	67	64	68
Wind Speed (Kmph)	16	15	17	17	18
Wind Direction (deg)	203	180	159	153	159

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
- **Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chlorpyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/litre or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- **Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- **Jute:** To control jute semi-looper apply 400ml Chlorpyrifos + Cypermethrin per acre or Quinalphos in 200 ml of water. Current rainy weather is favorable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @ 1ml/litre of water. Cut the branches during inter-crop to enhance the growth.
- **VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litres of Water.
- **Animal husbandry:** Cover the animal sheds and poultry farm houses with water soaked gunny bags and maintain proper ventilation. Provide the animals and birds with clean drinking water. Don't allow the animals to graze outside during day time.

Mrs. Sujata Sethy  
(Nodal officer)



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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-123  
Date-11.09.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 30 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 80-73%. According to NDVI map (02.09.2020 to 08.09.2020) the agriculture vigor was moderate to good over isolated pockets of Western blocks and moderate to less over maximum eastern blocks of Cuttack district. Whereas according to SPI value (cumulative 4 weeks-13 August 2020 to 09 September 2020), Moderately wet condition was there.

**Forecasted period: 12<sup>th</sup> September 2020 to 16<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except tomorrow. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 2 days, for more update follow now cast warnings). The day temperature will be 34-35°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 54-65% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be deficient rainfall over Odisha state in the upcoming week (16<sup>th</sup> September- 22<sup>nd</sup> September) i.e. -50.2% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	12/09/2020	13/09/2020	14/09/2020	15/09/2020	16/09/2020
Rainfall(mm)	5	0	1	6	5
00T-Max(°C)	35	35	34	34	34
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	6	6	6	8	7
RH Max (%)	92	92	92	95	94
RH Min (%)	56	54	61	58	65
Wind Speed (Kmph)	12	11	12	12	13
Wind Direction (deg)	162	156	153	148	156

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of irrigation and water harvesting and soil moisture conservation in the field. They should maintain 5-6cm water depth in rice field.

- Resume spraying and fertilization in dry days.
- By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dryspell
- Kharif Rice:** The crop is at active tillering stage. Maintain about 2-3 cm standing water during tillering stage. If there is **stem borer infestation** spray Chloropyrifos @ 400 ml/acre or Monocrotophos @ 400 ml/acre or apply Cartap hydrochloride @ 7.5 kg/acre and in early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blast** incidence spraying of Carbendazim 50 WP @ 2 g/liter or Tricyclazole 75 WP @ 0.6 g/lit of water may be done for controlling the disease. As temperature is likely to increase **Thrips** infestation occurs in this weather condition in paddy. To control thrips in paddy spray thiomethaxome 25%WG 80g/acre @ 0.4g/lit of water. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.
- Maize:** If **fall Army Worm** infestation found in maize crop then apply Emamectin Benzoate 5 % S.G @ 80- gram/acre or Spinetoram 11.7% S.C @ 100-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water.
- Groundnut:** Groundnut crop is at 3 to 4 week stage. Go for hoeing and weeding. Weeding at 35DAS disturbs pegging process. Under such situation prune the weeds by sickle and apply post emergence spray Quizalofop Ethyl @ 2ml/Liter (200Litre/Ac) at 20- 25DAS to control grassy weeds. Apply 100 kg Gypsum/acre followed by earthing up. **White ant attack** has been found in low rain fall areas. Go for soil drenching with 2 ml Chloropyrifos in each litre water thoroughly. **Tikka disease** has been found due to climatic codusiveness, then apply Carbendazim @ 2gm/Litre of water. **Hairy caterpillar** in Groundnut has been found, Apply 10-12 kg Chloropyrifos or spray 400 ml quinalphos in 200 liter water. Due to high humidity and hot weather there is chances of **Wilt disease**, then spray @ 1gm streptocyclin mixed with 15gm Carbendazim in 10 litres of water at the root and soil zone.
- VEGETABLES:** Farmers are advised to keep eye on Vegetables as it is now at flowering and fruiting stage. Recent weather favours spread of **termites** in different crops. To control it apply Omite or Dicofof @ 2ml/litre of water. To control **YMV in Okra** and **thrips** in Chilli crop, spray Imidacloprid @ 5 ml in 10 litres of water. **Fruit fly** in Cucurbit crops Spray Malathion @ 2 ml/litre of water. **Root rot** of Pointed Gourd spray 10gm Plantomycin along with 20gm Blitox 50 in 10Litre of Water.
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