



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



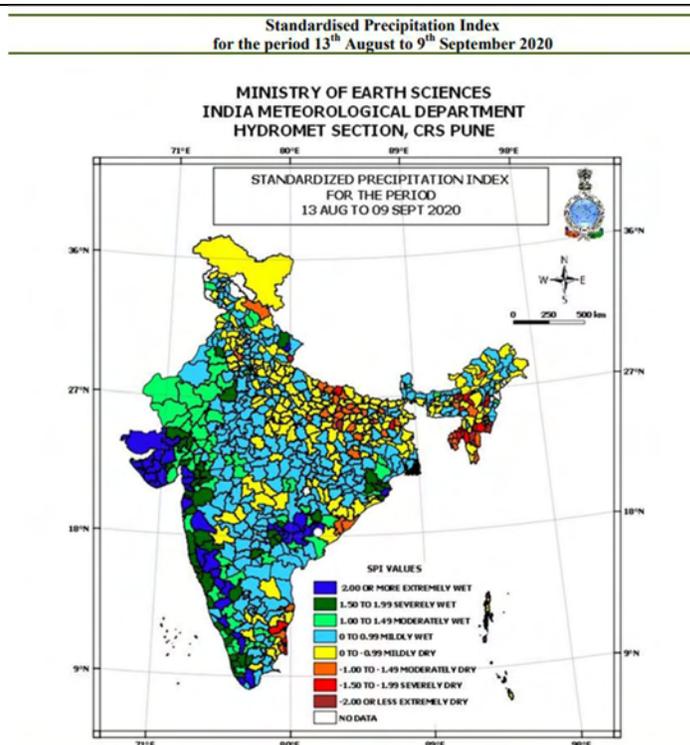
Bulletin No-124  
Date-15.09.2020

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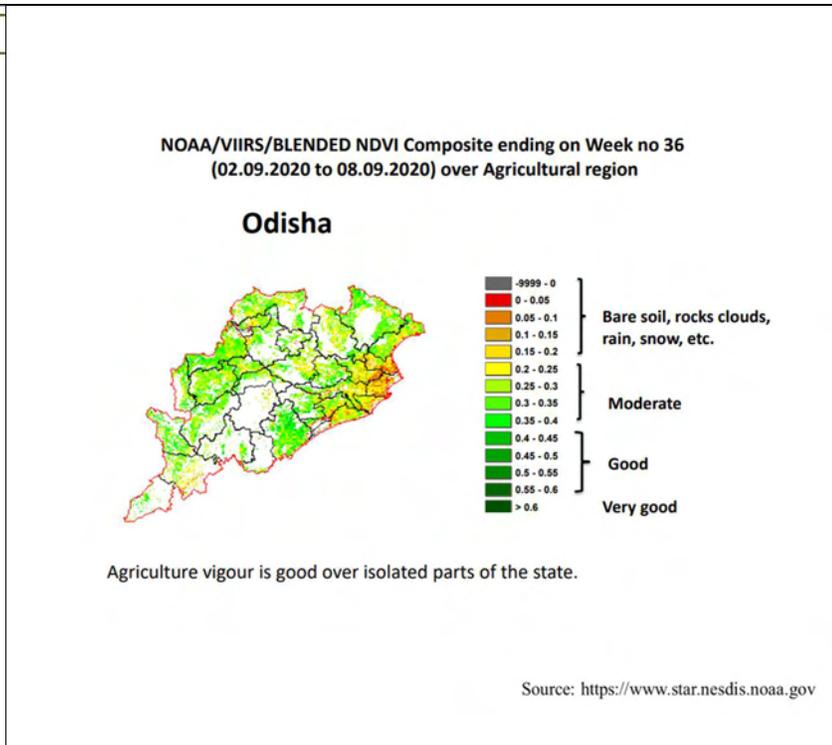
**AGROCLIMATIC ZONE OF CUTTACK DISTRICT:**

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**



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



Agriculture vigour is good over isolated parts of the state.

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

**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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Debasish Jena  
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Date-15.09.2020

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**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received 16 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. **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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. **(There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings).** The day temperature will 33-35°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 58-66% respectively. There will be partly cloudy to overcast sky for next 5 days.

lock	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall (mm)	8	5	0	1	3
T-Max (°C)	33	33	34	35	35
T-Min (°C)	25	25	25	25	25
Cloud Cover (octa)	7	8	7	6	6
RH Max (%)	94	93	94	95	95
RH Min (%)	66	66	58	58	58
Wind Speed (kmph)	11	12	12	10	7
Wind Direction (deg)	158	162	159	155	160

**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 streptomycin @ 15 g / ha only in the clear weather condition.

**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 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 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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**Bulletin No-124**  
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**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received 46 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> days, for more update follow now cast warnings). The day temperature will 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 57-66% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	6	4	0	2	3
T-Max(°C)	34	33	34	35	34
T-Min(°C)	25	24	24	24	24
Cloud Cover(octa)	7	8	7	6	6
RH Max (%)	95	94	95	96	96
RH Min (%)	66	66	58	57	57
Wind Speed (Kmph)	10	12	11	9	7
Wind Direction (deg)	158	162	159	155	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of drainage of excess water from vegetable nurseries as well as main field and store in water harvesting structure for future purpose. 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 streptomycin @ 15 g / ha only in the clear weather condition.
- **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 Quinalofop 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 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 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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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week weatherconditionand Block past Rainfall condition**

The block received 43 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> days, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 56-65% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	5	2	0	2	3
T-Max(°C)	34	33	34	35	34
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	7	8	7	6	6
RH Max (%)	93	92	93	94	95
RH Min (%)	65	63	57	56	57
Wind Speed (Kmph)	11	13	12	10	7
Wind Direction (deg)	158	167	162	155	160

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of drainage of excess water from vegetable nurseries as well as main field and store in water harvesting structure for future purpose. 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 streptomycin @ 15 g / ha only in the clear weather condition.
- **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 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 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-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week weathercondition**

**The district received 22 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. **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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> days, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 56-66% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	6	2	0	2	3
T-Max(°C)	34	33	34	35	34
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	7	8	7	6	6
RH Max (%)	93	92	93	94	95
RH Min (%)	66	64	57	56	57
Wind Speed (Kmph)	11	13	12	10	7
Wind Direction (deg)	158	167	162	155	160

**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 Chloropyriphos @ 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.
- **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 Chloropyriphos 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 Chloropyriphos 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 BARANGA**

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

The block received 01 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. **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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. *(There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> days, for more update follow now cast warnings).* The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-93% and 57-64% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	7	3	1	1	1
T-Max(°C)	33	33	34	35	34
T-Min(°C)	26	26	26	26	25
Cloud Cover	6	8	7	6	6
RH Max (%)	92	91	92	92	93
RH Min (%)	64	64	58	57	59
Wind Speed (Kmph)	11	13	12	9	7
Wind Direction (deg)	159	201	162	160	165

**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 streptomycin @ 15 g / ha only in the clear weather condition.
- **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 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 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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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 45 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-93% and 57-63% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	6	5	1	2	5
T-Max(°C)	33	33	34	35	34
T-Min(°C)	26	26	26	26	25
Cloud Cover(octa)	7	8	7	6	6
RH Max (%)	92	92	93	93	93
RH Min (%)	63	63	59	57	59
Wind Speed (Kmph)	11	12	11	9	7
Wind Direction (deg)	159	193	162	160	165

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of drainage of excess water from vegetable nurseries as well as main field and store in water harvesting structure for future purpose. 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 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 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.

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(Nodal officer)



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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received 02 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 4 days with one dry day on Saturday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-91% and 55-65% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	8	2	1	1	0
T-Max(°C)	33	33	34	35	35
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	6	8	7	5	5
RH Max (%)	91	89	90	91	91
RH Min (%)	64	65	60	55	56
Wind Speed (Kmph)	12	14	12	9	8
Wind Direction (deg)	159	203	201	160	165

**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 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 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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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received 20 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-93% and 54-63% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	6	5	6	3	6
T-Max(°C)	34	33	33	35	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octal)	6	8	7	6	6
RH Max (%)	91	91	93	91	92
RH Min (%)	61	62	63	54	58
Wind Speed (Kmph)	12	13	11	9	7
Wind Direction (deg)	162	201	180	160	165

**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 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 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.

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**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received 07 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 32-35°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 96-97% and 55-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	5	5	0	2	3
T-Max(°C)	33	32	34	35	34
T-Min(°C)	24	24	24	24	23
Cloud Cover(/octa)	6	8	7	6	6
RH Max (%)	97	96	97	97	97
RH Min (%)	68	69	56	55	58
Wind Speed (Kmph)	8	8	7	8	6
Wind Direction (deg)	158	167	159	153	163

**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.
- **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 Quisalofop 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 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 10L litres 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 NIALI**

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

The block received 06 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 4 days with one dry day on Saturday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-90% and 57-66% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	8	2	3	2	0
T-Max(°C)	33	33	34	35	35
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	6	8	7	5	5
RH Max (%)	90	88	89	89	89
RH Min (%)	66	66	62	57	57
Wind Speed(Kmph)	13	15	13	10	8
Wind Direction(deg)	167	203	203	160	165

**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.
- **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 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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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 04 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. **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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-92% and 54-63% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	5	5	4	1	1
T-Max(°C)	34	33	33	35	35
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	6	8	7	6	6
RH Max (%)	90	90	92	91	91
RH Min (%)	61	62	63	54	56
Wind Speed (Kmph)	12	13	11	9	8
Wind Direction (deg)	162	201	193	160	165

**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.
- **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.

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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 06 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-93% and 54-62% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	7	5	2	1	1
T-Max(°C)	34	33	33	35	34
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	6	8	7	6	6
RH Max (%)	91	90	93	91	91
RH Min (%)	61	62	62	54	56
Wind Speed (Kmph)	12	13	11	9	7
Wind Direction (deg)	159	201	167	160	165

**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 Dicolof @ 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  
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**Bulletin No-124**  
**Date-15.09.2020**

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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received 23 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. **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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 4 days with one dry day on Saturday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will 33-34°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-86% and 62-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	2	1	3	1	0
T-Max(°C)	33	33	33	34	34
T-Min(°C)	29	29	29	28	28
Cloud Cover(octa)	6	8	7	6	5
RH Max (%)	86	84	86	86	86
RH Min (%)	68	69	70	62	62
Wind Speed (Kmph)	16	18	15	12	9
Wind Direction (deg)	180	203	203	191	165

**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.
- **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.

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 58 mm and district received 22 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 83-76%. 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: 16<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 5 days except Thursday. (There may be chances of thundershower at one or two places of Cuttack district in between upcoming 4<sup>th</sup>-5<sup>th</sup> day, for more update follow now cast warnings). The day temperature will be 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 58-67% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020
Rainfall(mm)	9	5	0	2	2
00T-Max(°C)	33	33	34	35	35
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	7	8	7	6	6
RH Max (%)	94	93	95	96	96
RH Min (%)	67	66	58	58	58
Wind Speed (Kmph)	10	12	11	10	7
Wind Direction (deg)	158	162	159	155	158

**Agromet Advisory**

**General Advisory:** Farmers should make arrangement of drainage of excess water from vegetable nurseries as well as main field and store in water harvesting structure for future purpose. 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.
- **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.

Mrs. Sujata Sethy  
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Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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