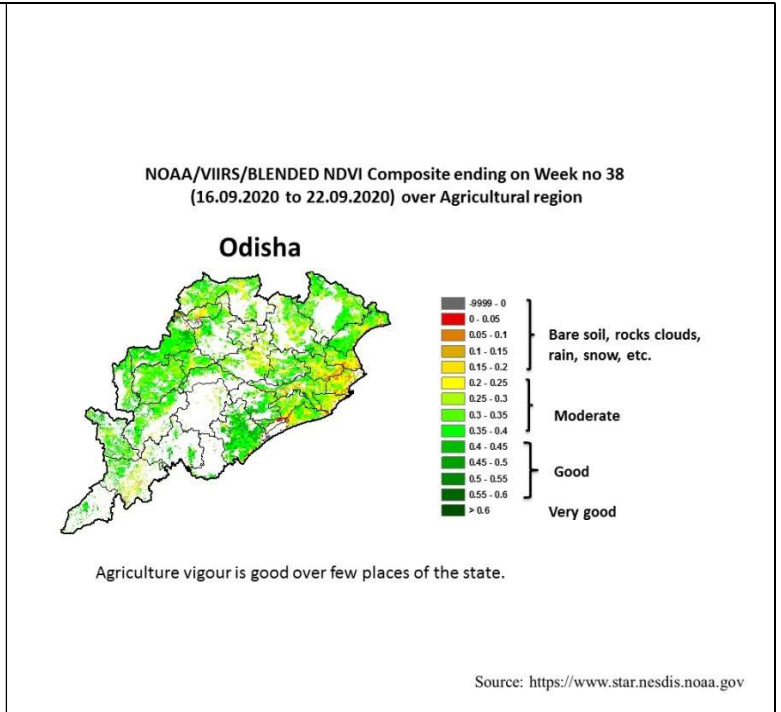
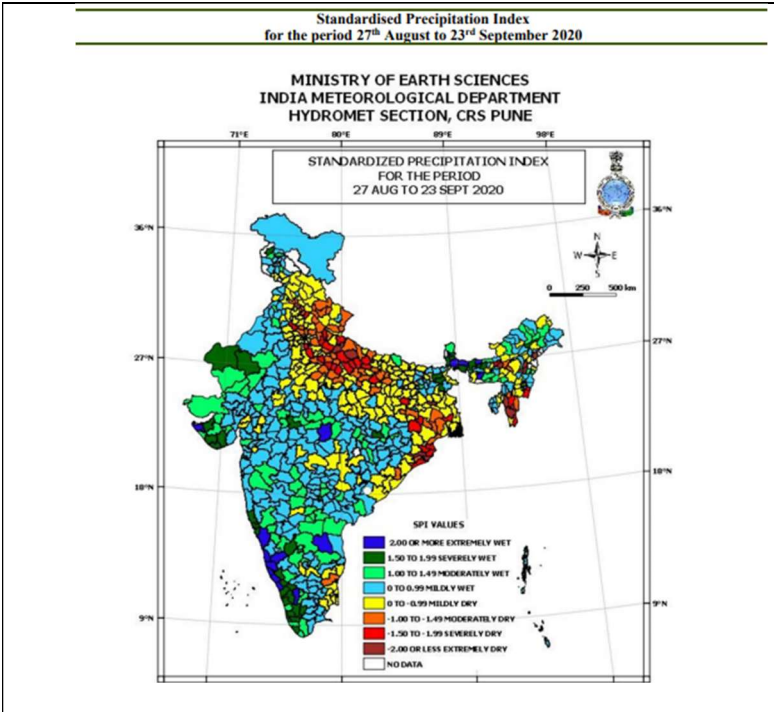


## AGROCLIMATIC ZONE OF CUTTACK DISTRICT:

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 -27August 2020 to 23 September 2020), Extremely dry condition was there in Cuttack district.**

**According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district.**

<b>LEGEND (Medium range block level rainfall forecast)</b>	
	Very light to light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall





**GRAMIN KRISHI MAUSAM SEWA  
INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com**



**Bulletin No.-129  
Date- 01/10/2020**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received 24 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 29-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 65-76% respectively. There will be overcast sky for next 5 days.

lock	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall (mm)	17	19	27	18	8
T-Max (°C)	29	31	31	31	32
T-Min (°C)	23	24	24	24	23
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	93	96	97	93	93
RH Min (%)	76	65	72	69	67
Wind Speed (kmph)	11	7	9	6	7
Wind Direction (deg)	342	360	351	90	34

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**GROUNDNUT:**

Provide drainage. There may be chances of incidence of Tikka and stem rot disease in groundnut after rainfall. To manage Tikka disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Hexaconazole 5% E.C @ 11 300-ml/acre. To manage Stem Rot disease disease in groundnut spray Validamycin 3 % L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % @ 300-gram/acre. To spray the fungicide 200- litre of water per acre is required.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



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



**GRAMIN KRISHI MAUSAM SEWA  
INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com**



**Bulletin No.-129  
Date- 01/10/2020**

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

The block received 136mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory:** Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block. The day temperature will be 29-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 66-78% respectively. There will be overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	14	18	21	24	6
T-Max(°C)	29	31	31	30	32
T-Min(°C)	22	23	23	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	93	95	96	95	93
RH Min (%)	78	66	71	75	68
Wind Speed (Kmph)	12	7	9	5	6
Wind Direction (deg)	339	342	342	34	45

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**GROUNDNUT:**

Provide drainage. There may be chances of incidence of Tikka and stem rot disease in groundnut after rainfall. To manage Tikka disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Hexaconazole 5% E.C @ 11 300-ml/acre. To manage Stem Rot disease disease in groundnut spray Validamycin 3 % L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % @ 300-gram/acre. To spray the fungicide 200- litre of water per acre is required.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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



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



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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

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

**The block received 44 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 29-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 65-76% respectively. There will be overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	16	13	24	25	8
T-Max(°C)	29	31	31	31	32
T-Min(°C)	22	24	23	23	23
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	93	95	96	94	93
RH Min (%)	76	65	71	70	68
Wind Speed (Kmph)	12	8	9	6	7
Wind Direction (deg)	342	360	342	27	45

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid inter-cultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



**Bulletin No.-129**  
**Date- 01/10/2020**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week weathercondition**

**The district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27August2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 66-76% respectively. There will be overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	16	15	25	26	10
T-Max(°C)	29	31	31	31	32
T-Min(°C)	22	24	24	23	23
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	93	96	96	94	93
RH Min (%)	76	66	72	69	69
Wind Speed (Kmph)	12	8	9	5	7
Wind Direction (deg)	342	360	347	23	45

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases.** To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana.** To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya.** To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
 (Nodal officer)



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



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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



**Bulletin No.-129**  
**Date- 01/10/2020**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

**The block received 49mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-97% and 66-76% respectively. There will be overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	20	25	26	17	13
T-Max(°C)	29	31	30	31	32
T-Min(°C)	23	24	24	24	24
Cloud Cover	8	8	7	8	8
RH Max (%)	93	97	97	92	92
RH Min (%)	76	66	71	66	68
Wind Speed (Kmph)	12	8	6	8	8
Wind Direction (deg)	347	19	27	113	105

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. In case of **Blasit** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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



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



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA  
INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com**



**Bulletin No.-129  
Date- 01/10/2020**

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

**The block received 40 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 29-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 64-74% respectively. There will be overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	18	25	21	14	9
T-Max(°C)	29	31	30	31	32
T-Min(°C)	24	25	25	25	24
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	91	96	96	92	92
RH Min (%)	74	64	71	67	67
Wind Speed (Kmph)	11	8	7	8	8
Wind Direction (deg)	347	34	45	113	90

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. 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. For **mealybug** spray chlorantraniliprole @ 0.3 ml/liter of water or imidacloprid @ 0.4 ml/l of water Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period. To manage **leaf hopper pyrilla** in sugarcane spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre by mixing it in 200 litre of water

**VEGETABLES:** Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA  
INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com**



**Bulletin No.-129  
Date- 01/10/2020**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received 100 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27.August2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-98% and 65-77% respectively. There will be overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	19	29	25	15	14
T-Max(°C)	29	31	31	31	32
T-Min(°C)	23	24	24	25	24
Cloud Cover(octa)	8	8	7	7	8
RH Max (%)	93	98	96	90	92
RH Min (%)	77	67	70	65	66
Wind Speed (Kmph)	13	8	6	8	8
Wind Direction (deg)	13	45	158	150	101

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Sugarcane:**

wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. 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. For **mealybug** spray chlorantraniliprole @ 0.3 ml/liter of water or imidacloprid @ 0.4 ml/l of water Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period. To manage **leaf hopper pyrilla** in sugarcane spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre by mixing it in 200 litre of water

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427





**GRAMIN KRISHI MAUSAM SEWA  
INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com**



**Bulletin No.-129  
Date- 01/10/2020**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

**The block received 43 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27August2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-96% and 64-75% respectively. There will be overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	16	24	25	14	14
T-Max(°C)	30	31	31	31	32
T-Min(°C)	24	25	25	25	24
Cloud Cover(octal)	8	8	7	8	7
RH Max (%)	89	96	94	92	92
RH Min (%)	75	64	70	69	65
Wind Speed (Kmph)	12	10	9	8	9
Wind Direction (deg)	13	45	108	116	75

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Sugarcane:**

wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. 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. For **mealybug** spray chlorantraniliprole @ 0.3 ml/liter of water or imidacloprid @ 0.4 ml/l of water Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period. To manage **leaf hopper pyrilla** in sugarcane spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre by mixing it in 200 litre of water

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

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

**The block received 63 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 28-32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 63-81% respectively. There will be overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	13	12	15	22	7
T-Max(°C)	28	31	32	29	32
T-Min(°C)	21	23	23	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	93	92	95	96	94
RH Min (%)	73	63	66	81	68
Wind Speed (Kmph)	10	6	6	4	5
Wind Direction (deg)	333	338	342	351	34

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



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



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

**The block received 29 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 65-77% respectively. There will be overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
<b>Rainfall(mm)</b>	17	24	26	13	16
<b>T-Max(°C)</b>	29	31	31	32	32
<b>T-Min(°C)</b>	23	24	24	25	24
<b>Cloud Cover(octa)</b>	8	7	7	7	8
<b>RH Max (%)</b>	93	97	95	88	92
<b>RH Min (%)</b>	77	67	69	65	65
<b>Wind Speed(Kmph)</b>	14	8	6	8	9
<b>Wind Direction(deg)</b>	13	360	180	150	101

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb or 2g carbendazim in litre of water after drying the weather.

**Sugarcane:**

wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. 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. For **mealybug** spray chlorantraniliprole @ 0.3 ml/liter of water or imidacloprid @ 0.4 ml/l of water. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period. To manage **leaf hopper pyrilla** in sugarcane spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre by mixing it in 200 litre of water

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb @300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

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

**The block received 33 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-97% and 64-76% respectively. There will be overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	17	24	27	12	11
T-Max(°C)	29	31	31	31	33
T-Min(°C)	24	25	25	25	24
Cloud Cover(octa)	8	7	7	8	7
RH Max (%)	90	97	94	91	92
RH Min (%)	76	65	70	68	64
Wind Speed (Kmph)	13	10	8	9	9
Wind Direction (deg)	13	45	113	146	101

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb or 2g carbendazim in litre of water after drying the weather.

**Sugarcane:**

wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. 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. For **mealybug** spray chlorantraniliprole @ 0.3 ml/liter of water or imidacloprid @ 0.4 ml/l of water. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period. To manage **leaf hopper pyrilla** in sugarcane spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre by mixing it in 200 litre of water

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:** Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

**The block received 40 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Monday in the block.** The day temperature will be 29-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-97% and 65-75% respectively. There will be overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	17	23	25	11	12
T-Max(°C)	29	31	31	31	33
T-Min(°C)	24	25	25	25	24
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	90	97	94	92	92
RH Min (%)	75	65	71	67	65
Wind Speed (Kmph)	12	10	8	8	9
Wind Direction (deg)	13	45	108	113	75

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb or 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
Date- 01/10/2020

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**  
**District Past week weather condition and Block past Rainfall condition**

**The block received 60 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 30-33°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 63-78% respectively. There will be overcast sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	11	10	20	12	5
T-Max(°C)	30	33	33	32	33
T-Min(°C)	26	27	27	27	26
Cloud Cover(octa)	8	7	5	8	7
RH Max (%)	91	92	85	86	89
RH Min (%)	78	67	68	69	63
Wind Speed (Kmph)	17	9	10	9	10
Wind Direction (deg)	18	30	158	155	90

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb or 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases.** To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana.** To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya.** To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com



Bulletin No.-129  
 Date- 01/10/2020

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

**The block received 27 mm and district received 50 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **According to NDVI map (16.09.2020 to 22.09.2020) the agriculture vigor was moderate to good over maximum blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-27 August 2020 to 23 September 2020), extremely dry condition was there.**

**Forecasted period: 02<sup>nd</sup> October 2020 to 06<sup>th</sup> October 2020**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted for today to Sunday with Very light to light rainfall is forecasted for Monday in the block.** The day temperature will be 29-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 66-77% respectively. There will be overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020
Rainfall(mm)	16	20	22	24	7
00T-Max(°C)	29	31	31	30	32
T-Min(°C)	22	24	24	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	93	96	97	94	93
RH Min (%)	77	66	73	72	68
Wind Speed (Kmph)	12	7	9	6	7
Wind Direction (deg)	342	360	347	45	34

**Agromet Advisory**

**General Advisory:** Drain out excess water from vegetable nursery and main field. Harvest the matured vegetables and keep them at safer places. Avoid intercultural operation, irrigation, pesticide and fertilizer application in rainy days. Cover the young seedlings with white polythine. Keep cattle/goats indoor during heavy rainfall. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc.

**Kharif Rice:**

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If **Brown Plant Hopper (BPH) infestation** observe in rice. Go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. 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. In **Gall midge** affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ liter on the rice field bunds. 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/ bacterial leaf streak** 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. In case of **stem rot**, spray the of the crop with 4g mancozeb or 2g carbendazim in litre of water after drying the weather.

**Maize**

**Stem borer** may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. 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. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

**VEGETABLES:**

Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. To control **YMV in Okra, thrips in Chilli and aphids in Cowpea crop**, spray Imidacloprid @ 5 ml in 10 litres of water. To manage **fruit fly in cucurbits**, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

**Fruits:**

Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Animal husbandry:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy  
 (Nodal officer)



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



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