



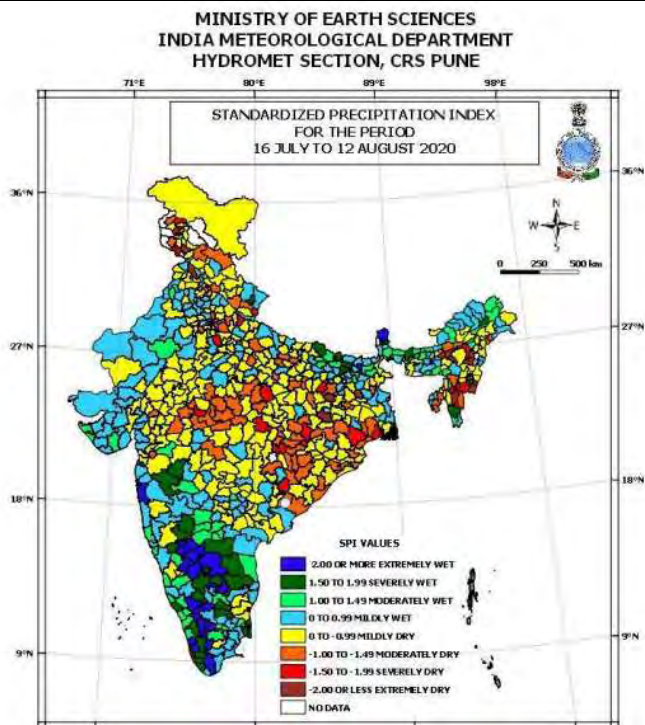
**GRAMIN KRUSHI MAUSAM SEVA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

E-mail: kvkcuttack@gmail.com

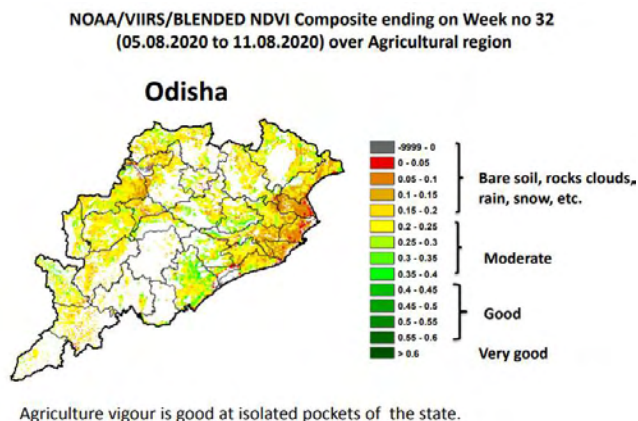


Bulletin No-116  
Date-18.08.2020

**STANDARD PRECIPITATION INDEX AND NDVI MAP**



**As per SPI value (cumulative 4weeks - 16July 2020 to 12 August 2020), mildly dry condition was there in Cuttack district.**



**According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district.**

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



Bulletin No-116  
 Date-18.08.2020

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

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

The block received 348 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-91% and 55-67% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall (mm)	16	39	17	10	14
T-Max (°C)	32	32	31	32	33
T-Min (°C)	24	24	24	24	25
Cloud Cover (octa)	8	8	8	7	8
RH Max (%)	91	91	85	87	86
RH Min (%)	60	62	67	57	55
Wind Speed (kmph)	10	7	15	15	11
Wind Direction (deg)	210	250	207	203	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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



Bulletin No-116  
Date-18.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

**The district received 154 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. **According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district.** Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will 30-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 56-69% respectively. There will be overcast sky for next 5 days. **There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	17	38	14	8	13
T-Max(°C)	32	32	30	32	32
T-Min(°C)	24	23	23	23	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	91	91	84	86	86
RH Min (%)	61	63	69	58	56
Wind Speed (Kmph)	8	8	13	13	9
Wind Direction (deg)	216	252	212	204	242

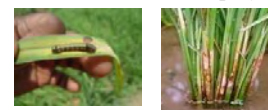
**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.



**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The block received 398 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 54-66% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	16	41	12	7	11
T-Max(°C)	32	32	31	32	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	90	90	82	86	85
RH Min (%)	58	60	66	56	54
Wind Speed (Kmph)	10	8	15	15	11
Wind Direction (deg)	208	251	207	203	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

The district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 54-66% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	16	41	13	8	11
T-Max(°C)	32	32	31	32	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	90	90	82	86	85
RH Min (%)	58	60	66	56	54
Wind Speed (Kmph)	10	8	15	16	12
Wind Direction (deg)	208	251	207	203	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received 126 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 55-62% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e. +26.8% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	18	35	13	11	9
T-Max(°C)	32	32	31	32	32
T-Min(°C)	25	25	25	25	25
Cloud Cover	8	8	8	7	8
RH Max (%)	88	89	81	84	84
RH Min (%)	56	59	62	55	56
Wind Speed (Kmph)	12	8	18	21	15
Wind Direction (deg)	216	248	207	204	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 120 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 56-64% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	18	40	14	11	13
T-Max(°C)	32	32	31	32	32
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	89	91	84	85	86
RH Min (%)	57	60	64	56	56
Wind Speed (Kmph)	11	8	17	19	14
Wind Direction (deg)	216	251	207	203	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received 153 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 55-60% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	16	35	11	14	8
T-Max(°C)	33	32	32	32	32
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	86	89	78	83	81
RH Min (%)	55	58	60	55	56
Wind Speed (Kmph)	14	9	20	23	17
Wind Direction (deg)	216	248	203	204	207

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

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

The block received 312 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 56-64% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	22	40	12	13	11
T-Max(°C)	32	31	31	32	32
T-Min(°C)	26	25	25	25	25
Cloud Cover(octal)	8	8	8	7	8
RH Max (%)	88	91	82	83	85
RH Min (%)	58	64	64	56	57
Wind Speed (Kmph)	13	11	19	22	15
Wind Direction (deg)	216	244	204	204	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received 164 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days 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 84-93% and 56-72% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e. +26.8% departure from normal.

Block	Narsinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	15	32	10	5	9
T-Max(°C)	31	31	29	32	32
T-Min(°C)	24	23	23	23	23
Cloud Cover(/octa)	8	8	8	7	8
RH Max (%)	93	93	86	84	87
RH Min (%)	61	64	72	56	57
Wind Speed (Kmph)	6	7	10	10	7
Wind Direction (deg)	225	249	212	207	245

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertilizer application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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



Bulletin No-116  
Date-18.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received 97 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 56-61% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	12	33	10	13	8
T-Max(°C)	33	32	32	32	32
T-Min(°C)	26	25	26	26	26
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	85	88	78	82	79
RH Min (%)	55	58	61	56	57
Wind Speed(Kmph)	16	10	21	25	19
Wind Direction(deg)	225	251	204	204	207

**Agromet Advisory**

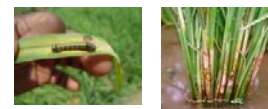
**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprol 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.



**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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

E-mail: kvkcuttack@gmail.com



Bulletin No-116  
Date-18.08.2020

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 147 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 55-63% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	21	40	11	13	10
T-Max(°C)	32	32	31	32	32
T-Min(°C)	26	25	25	25	25
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	88	91	81	83	84
RH Min (%)	57	63	62	55	58
Wind Speed (Kmph)	13	10	19	23	15
Wind Direction (deg)	216	225	204	204	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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



Bulletin No-116  
Date-18.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 71 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 55-63% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	20	38	12	13	10
T-Max(°C)	32	32	31	32	32
T-Min(°C)	26	25	25	25	25
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	88	91	82	83	85
RH Min (%)	57	62	63	55	58
Wind Speed (Kmph)	13	10	19	22	15
Wind Direction (deg)	216	248	204	204	212

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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



Bulletin No-116  
Date-18.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will 32-34°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 60-65% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	15	35	7	12	9
T-Max(°C)	34	34	33	33	32
T-Min(°C)	28	27	28	28	29
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	84	87	77	82	80
RH Min (%)	60	62	65	61	63
Wind Speed (Kmph)	19	12	26	29	22
Wind Direction (deg)	212	246	212	204	212

**Agromet Advisory**

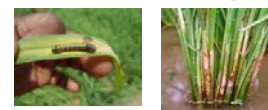
**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.



**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

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



Bulletin No-116  
 Date-18.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 136 mm and district received 154 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Relative humidity of the district was around 87-79%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

**Forecasted period: 19<sup>th</sup> August 2020 to 23<sup>rd</sup> August 2020**

**Weather advisory:** Moderate to heavy rainfall is forecasted for tomorrow and light to moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 56-69% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (23-29<sup>th</sup> August) i.e +26.8% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/08/2020	20/08/2020	21/08/2020	22/08/2020	23/08/2020
Rainfall(mm)	17	43	16	7	12
T-Max(°C)	32	32	31	32	33
T-Min(°C)	24	24	23	24	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	91	92	85	87	86
RH Min (%)	61	63	69	59	56
Wind Speed (Kmph)	9	7	14	14	10
Wind Direction (deg)	210	252	207	203	225

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries. They should make proper arrangement for drainage of excess water to avoid water stagnation in the field and should complete their beushaning and transplanting of paddy in between this week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (23-29<sup>th</sup> August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**VEGETABLES:**

- Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Due to rise and fall in temperature, the problem of sucking pests like **white fly** will aggravate in vegetables. to control it, spray imidacloprid @ 0.25 ml/litre of water when weather become clean.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. 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.

Dr.Dilip Ranjan Sarangi  
 (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