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

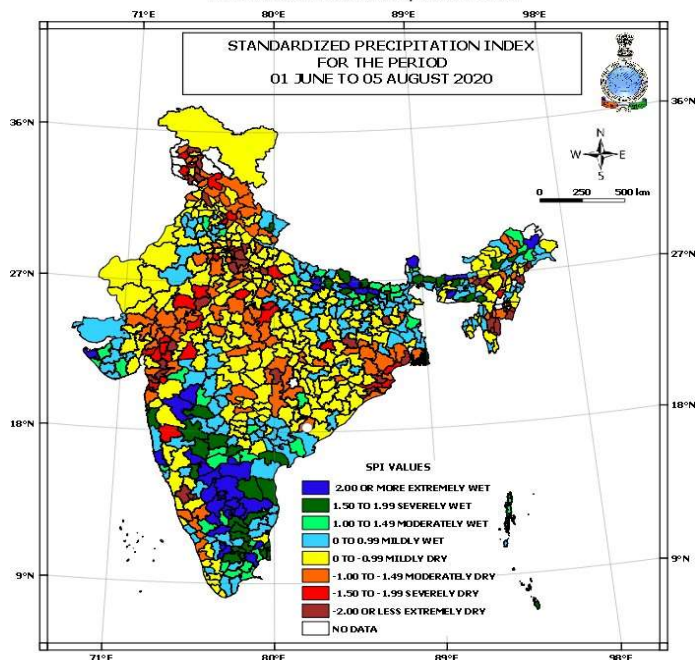
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Bulletin No-114  
Date-10.08.2020

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

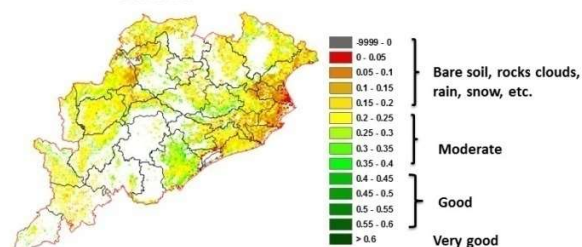
MINISTRY OF EARTH SCIENCES  
INDIA METEOROLOGICAL DEPARTMENT  
HYDROMET SECTION, CRS PUNE



**As per SPI value (cumulative - 1 June 2020 to 05 August 2020), severely dry condition was there in Cuttack district.**

NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 31  
(29.07.2020 to 04.08.2020) over Agricultural region

**Odisha**



Agriculture vigour is moderate over isolated parts of the state.

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

**According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur, Banki-Dampada block in Cuttack district.**

Dr.Dilip Ranjan Sarangi  
(Nodal officer)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received 184 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-91% and 51-68% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall (mm)	8	4	18	23	10
T-Max (°C)	33	32	31	32	32
T-Min (°C)	24	24	23	23	22
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	86	85	90	88	91
RH Min (%)	55	51	62	68	68
Wind Speed (kmph)	9	8	10	12	12
Wind Direction (deg)	199	279	261	294	293

**Agromet Advisory**

**General:** Farmers should drainout excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

**Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or carphathydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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.

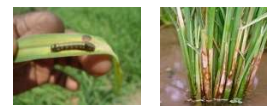
Dr. Dilip Ranjan Sarangi  
(Nodal officer)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

The district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki –dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will 30-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-91% 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 (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	9	7	19	25	10
T-Max(°C)	32	32	30	31	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	87	86	91	89	89
RH Min (%)	57	56	63	69	65
Wind Speed (Kmph)	8	7	9	12	12
Wind Direction (deg)	180	270	261	294	288

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

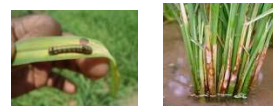
**Disease and pest**

- **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.

**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)



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Bulletin No-114  
Date-10.08.2020

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**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The block received 217 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 51-67% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e. +49.6% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	8	5	17	24	11
T-Max(°C)	33	32	31	31	31
T-Min(°C)	24	24	23	23	22
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	84	89	87	90
RH Min (%)	54	51	61	67	66
Wind Speed (Kmph)	9	9	9	13	12
Wind Direction (deg)	199	285	261	294	291

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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.

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(Nodal officer)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

The district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki –dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 51-67% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	9	6	16	25	10
T-Max(°C)	33	32	31	31	31
T-Min(°C)	24	24	23	23	22
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	84	89	87	90
RH Min (%)	55	51	61	67	67
Wind Speed (Kmph)	9	9	9	12	12
Wind Direction (deg)	199	285	255	294	291

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

**Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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.

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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received 152 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 48-69% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	6	3	16	22	9
T-Max(°C)	33	32	31	32	31
T-Min(°C)	25	25	24	24	23
Cloud Cover	8	8	8	8	8
RH Max (%)	83	81	87	85	89
RH Min (%)	53	48	58	65	69
Wind Speed (Kmph)	10	10	11	13	13
Wind Direction (deg)	203	203	270	293	294

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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 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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received 93 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 49-67% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	7	3	15	21	11
T-Max(°C)	33	32	32	31	31
T-Min(°C)	25	25	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	82	88	85	89
RH Min (%)	54	49	58	67	67
Wind Speed (Kmph)	10	10	11	13	14
Wind Direction (deg)	199	279	270	293	297

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received 219 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 48-67% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	8	5	17	20	11
T-Max(°C)	33	32	31	33	31
T-Min(°C)	26	25	25	25	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	81	87	83	88
RH Min (%)	53	48	58	60	67
Wind Speed (Kmph)	12	11	11	13	13
Wind Direction (deg)	203	210	270	293	296

**Agromet Advisory**

**General:** Farmers should drainout excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

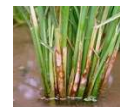
**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received 100 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will be 31-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-86% and 52-65% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	9	6	14	21	9
T-Max(°C)	32	32	32	31	31
T-Min(°C)	26	25	25	25	23
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	85	83	86	84	86
RH Min (%)	57	52	57	65	65
Wind Speed (Kmph)	11	11	12	12	14
Wind Direction (deg)	203	214	279	270	293

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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**  
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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received 94 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will be 30-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 57-65% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Narsinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	9	9	16	22	7
T-Max(°C)	32	31	30	31	31
T-Min(°C)	23	23	22	23	22
Cloud Cover(/octa)	8	8	8	8	8
RH Max (%)	88	88	93	89	88
RH Min (%)	60	57	65	65	61
Wind Speed (Kmph)	6	6	7	11	11
Wind Direction (deg)	293	285	279	293	288

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

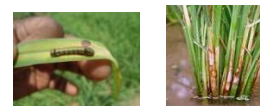
**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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



Bulletin No-114  
Date-10.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

**The block received 203 mm and district received 141 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 87-86%. **According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block.** Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 49-65% respectively. There will be overcast sky for next 5 days. **There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	6	5	14	21	11
T-Max(°C)	33	33	31	33	31
T-Min(°C)	26	25	25	25	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	82	80	85	83	87
RH Min (%)	53	49	58	56	65
Wind Speed(Kmph)	13	12	11	13	13
Wind Direction(deg)	203	210	261	315	289

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

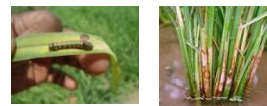
**Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or carphathydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

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**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

**The block received 111 mm and district received 141 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 87-86%. **According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block.** Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 51-65% respectively. There will be overcast sky for next 5 days. **There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	7	6	14	22	9
T-Max(°C)	33	32	32	31	31
T-Min(°C)	26	25	25	25	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	82	87	84	87
RH Min (%)	56	51	57	64	65
Wind Speed (Kmph)	11	11	12	12	14
Wind Direction (deg)	203	206	270	270	293

**General:** Farmers should drainout excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

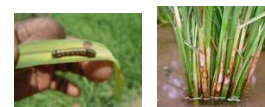
**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 88 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki – dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 51-65% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	8	4	16	24	11
T-Max(°C)	33	32	32	31	31
T-Min(°C)	26	25	25	25	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	82	87	84	87
RH Min (%)	56	51	57	65	65
Wind Speed (Kmph)	11	11	12	13	14
Wind Direction (deg)	203	206	270	293	293

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

**Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushaning in medium and low land condition. Apply 35 kg urea/ac at beushaning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 141mm 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki –dampada block. Whereas according to SPI value (cumulative – 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today, tomorrow and Friday and moderate rainfall is forecasted for other 2 days in the block. The day temperature will 34-35°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 54-65% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	7	5	14	20	9
T-Max(°C)	34	35	35	34	34
T-Min(°C)	29	29	29	29	27
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	83	80	84	82	85
RH Min (%)	62	54	57	61	65
Wind Speed (Kmph)	16	15	13	14	15
Wind Direction (deg)	200	210	289	203	288

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

**Direct seeded rice** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field. 10.

**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.

**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)



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Bulletin No-114  
Date-10.08.2020

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 130 mm and district received 141 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 87-86%. According to NDVI map (29.07.2020 to 04.08.2020) the agriculture vigor was less to very less over maximum blocks and moderate over some part of Narsinghpur and Banki - dampada block. Whereas according to SPI value (cumulative - 1 June 2020 to 05 August 2020), severely dry condition was there.

**Forecasted period: 11<sup>th</sup> August 2020 to 15<sup>th</sup> August 2020**

**General advisory:** Very light to light rainfall is forecasted for today and tomorrow and moderate rainfall is forecasted next 3 days in the block. The day temperature will be 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-91% and 53-68% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (12-18<sup>th</sup> August) i.e +49.6% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2020	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Rainfall(mm)	8	7	17	24	12
T-Max(°C)	33	32	31	31	32
T-Min(°C)	24	24	23	23	22
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	87	86	91	89	91
RH Min (%)	56	53	64	68	67
Wind Speed (Kmph)	8	8	9	12	12
Wind Direction (deg)	199	279	255	294	293

**Agromet Advisory**

**General:** Farmers should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between 2-3 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 (12-18<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, blight, foot rot and swarming caterpillar, leaf folder in rice

**Kharif Rice:**

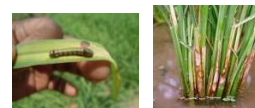
**Direct seeded rice:** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted for this week farmers should for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Due to light to moderate rain is forecasted for upcoming 5 days, 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. 9. Apply Fipronil 0.3%G 700g or cartraphydrochloride 4%G 1kg for 10decimal nursery area before 7-10days before transplanting paddy for stem borer, leaf folder control in main field.10.

**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.

**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.

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