



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

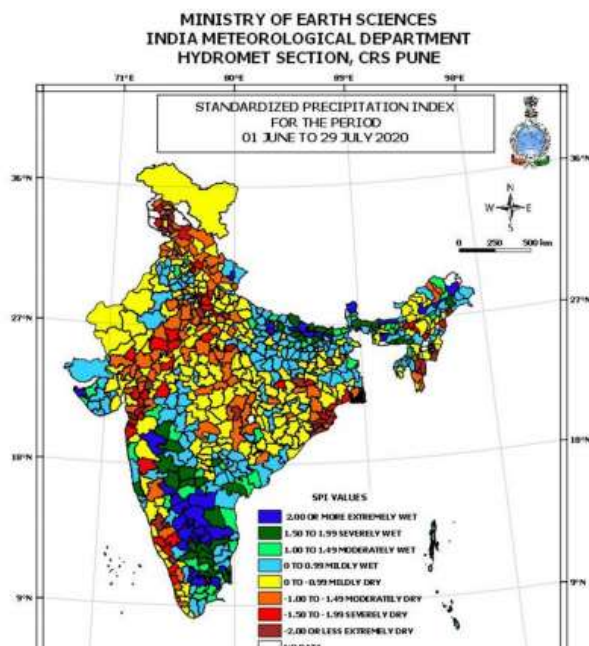
E-mail: kvkcuttack@gmail.com



Bulletin No-112  
Date-04.08.2020

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

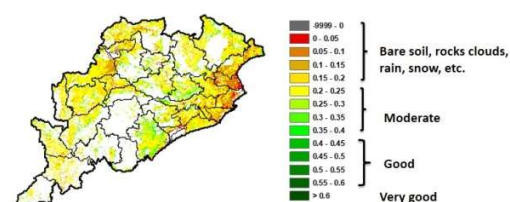
Standardised Precipitation Index  
for the period 1<sup>st</sup> June to 29<sup>th</sup> July 2020



**As per SPI value (cumulative - 1Jun 2020 to 29 July 2020), Extremely dry condition was there in Cuttack district.**

NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 30  
(22.07.2020 to 28.07.2020) 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 (22.07.2020 to 28.07.2020) 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)



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-112**  
**Date-04.08.2020**

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

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

**The block received 10 mm and district received 47 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. **According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.**

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. **Moderate rainfall is forecasted for today, tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block.** The day temperature will 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 53-69% respectively. There will partly cloudy to overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall (mm)	32	12	4	2	10
T-Max (°C)	31	30	32	33	33
T-Min (°C)	24	24	25	26	25
Cloud Cover (octa)	8	8	7	8	8
RH Max (%)	89	85	83	79	85
RH Min (%)	64	69	59	53	60
Wind Speed (kmph)	11	11	11	13	12
Wind Direction (deg)	293	214	210	290	294

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather ids optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

The district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Moderate rainfall is forecasted for today and Saturday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 53-71% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	34	6	3	2	12
T-Max(°C)	32	30	32	33	33
T-Min(°C)	24	24	24	25	24
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	88	84	81	80	85
RH Min (%)	62	71	57	53	58
Wind Speed (Kmph)	11	10	9	12	12
Wind Direction (deg)	291	234	203	285	294

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The block received 102 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Moderate rainfall is forecasted for today and Saturday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 52-67% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	36	6	1	1	10
T-Max(°C)	32	30	32	33	34
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	87	83	80	79	84
RH Min (%)	62	67	56	52	57
Wind Speed (Kmph)	11	12	11	13	12
Wind Direction (deg)	291	225	206	285	294

**Agromet Advisory**

**General:** Farmers 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(9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos@2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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-112**  
**Date-04.08.2020**

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

**District Past week weather condition**

**The district received 47 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. **According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.**

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. **Moderate rainfall is forecasted for today and Saturday and Very light to light rainfall is forecasted for other 3 days in the block.** The day temperature will be 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 52-67% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	37	8	3	1	12
T-Max(°C)	32	30	32	33	33
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	87	83	81	79	84
RH Min (%)	62	67	56	52	58
Wind Speed (Kmph)	11	12	11	13	12
Wind Direction (deg)	291	225	210	285	294

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field.

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112**  
**Date-04.08.2020**

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

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

The block received 141 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Moderate rainfall is forecasted for today, tomorrow and Very light to light rainfall is forecasted for next 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 50-62% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	28	11	4	2	5
T-Max(°C)	32	31	32	32	34
T-Min(°C)	25	25	26	26	26
Cloud Cover	8	8	7	8	8
RH Max (%)	87	83	82	77	83
RH Min (%)	61	62	56	50	55
Wind Speed (Kmph)	11	15	13	15	13
Wind Direction (deg)	291	225	205	270	294

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather ids optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

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

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

The block received 06 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Moderate rainfall is forecasted for today, tomorrow and Very light to light rainfall is forecasted for next 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 51-64% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	34	13	5	3	9
T-Max(°C)	31	31	32	33	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	88	84	83	77	82
RH Min (%)	63	64	58	51	55
Wind Speed (Kmph)	11	13	12	14	14
Wind Direction (deg)	293	234	205	270	294

**Agromet Advisory**

**General:** Farmers should complete their beushaning and transplanting of paddy in between 2-3 week as good amount of rainfall is forecasted for the block in upcoming 5 days as well as in the upcoming week (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**Kharif 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. if swarming caterpillar found after the flood water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during this period.

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

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

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

**The block received 79 mm and district received 47 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. **According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.**

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. **Moderate rainfall is forecasted for today, tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block.** The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 51-60% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	30	12	3	2	12
T-Max(°C)	32	32	32	32	34
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	86	82	81	76	84
RH Min (%)	60	60	55	51	54
Wind Speed (Kmph)	12	16	14	16	13
Wind Direction (deg)	288	225	205	270	294

**Agromet Advisory**

**General:** Farmers 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(9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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 azosporillum 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. if swarming caterpillar found after the flood water recedes, apply chloropyrifos@2ml/ltr of water to root zone in afternoon hour.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalophos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during this period.

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

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

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

The block received 31 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Heavy rainfall likely to occur at mahanga block for today. Moderate rainfall is forecasted for tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block.

The day temperature will be 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 50-63% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	40	15	3	2	13
T-Max(°C)	32	31	32	33	35
T-Min(°C)	25	25	26	27	27
Cloud Cover(octal)	8	8	7	8	8
RH Max (%)	87	85	82	77	82
RH Min (%)	62	63	57	50	52
Wind Speed (Kmph)	12	15	14	15	11
Wind Direction (deg)	288	225	205	259	293

**Agromet Advisory**

**General:** Farmers 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(9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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 azosporillum 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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalophos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during this period.

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112**  
**Date-04.08.2020**

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

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

**The block received 42 mm and district received 47 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. **According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.**

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. **Moderate rainfall is forecasted for today and Saturday and Very light to light rainfall is forecasted for other 3 days in the block.** The day temperature will be 28-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 54-77% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	27	5	5	1	10
T-Max(°C)	32	28	31	32	32
T-Min(°C)	23	23	23	25	24
Cloud Cover(/octa)	8	8	7	8	8
RH Max (%)	91	88	83	81	87
RH Min (%)	61	77	59	54	57
Wind Speed (Kmph)	9	8	7	10	11
Wind Direction (deg)	288	216	289	290	293

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather ids optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

**The block received 82 mm and district received 47 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. **According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), **Extremely dry condition was there.**

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. **Moderate rainfall is forecasted for today, tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block.** The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 50-61% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	28	11	3	2	14
T-Max(°C)	32	32	32	33	34
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	82	80	76	84
RH Min (%)	61	61	56	50	53
Wind Speed(Kmph)	12	17	16	16	13
Wind Direction(deg)	270	225	208	248	294

**Agromet Advisory**

**General:** Farmers 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(9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**Kharif 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. if swarming caterpillar found after the flood water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during this period. **Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

3. Both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112**  
**Date-04.08.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received 22 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Heavy rainfall likely to occur at Nischintakoili block for today. Moderate rainfall is forecasted for tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block. The day temperature will 32-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 50-62% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	38	13	3	2	13
T-Max(°C)	32	32	32	33	35
T-Min(°C)	25	25	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	88	84	82	77	83
RH Min (%)	62	61	57	50	53
Wind Speed (Kmph)	12	15	14	16	12
Wind Direction (deg)	288	225	205	259	293

**Agromet Advisory**

**General:** Farmers 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chlorpyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during this period.

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g Np/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied.

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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-112  
Date-04.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 11 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Heavy rainfall likely to occur at Salepur block for today. Moderate rainfall is forecasted for tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block. The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 50-62% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	38	13	4	2	11
T-Max(°C)	32	31	32	33	34
T-Min(°C)	25	25	26	27	27
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	88	84	82	77	83
RH Min (%)	62	62	57	50	53
Wind Speed (Kmph)	12	15	14	16	13
Wind Direction (deg)	288	225	205	270	294

**Agromet Advisory**

**General:** Farmers should complete their beushaning and transplanting of paddy in between 2-3 week as good amount of rainfall is forecasted for the block in upcoming 5 days as well as in the upcoming week(9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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-112  
Date-04.08.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Heavy rainfall likely to occur at Tangi block for today. Moderate rainfall is forecasted for tomorrow and Saturday and Very light to light rainfall is forecasted for other 2 days in the block. The day temperature will 32-36°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 54-71% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	40	16	2	3	12
T-Max(°C)	32	33	34	35	36
T-Min(°C)	28	28	29	29	29
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	87	82	79	76	82
RH Min (%)	71	63	62	54	55
Wind Speed (Kmph)	15	20	19	19	9
Wind Direction (deg)	283	212	208	251	297

**Agromet Advisory**

**General:** Farmers should complete their beushanning 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 (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. The pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied.

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

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-112**  
**Date-04.08.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 05 mm and district received 47 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 25°C, respectively. Relative humidity of the district was around 79-73%. According to NDVI map (22.07.2020 to 28.07.2020) 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 29 July 2020), Extremely dry condition was there.

**Forecasted period: 05<sup>th</sup> August 2020 to 09<sup>th</sup> August 2020**

**General advisory:** A low pressure area formed over North Bay of Bengal. Moderate rainfall is forecasted for today and Saturday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 53-71% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be normal rainfall over Odisha state in the upcoming week (9-15<sup>th</sup> August) i.e 12.2% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2020	06/08/2020	07/08/2020	08/08/2020	09/08/2020
Rainfall(mm)	36	8	3	3	10
T-Max(°C)	32	30	32	33	33
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	89	85	83	79	85
RH Min (%)	64	71	58	53	60
Wind Speed (Kmph)	11	10	10	12	12
Wind Direction (deg)	293	234	203	290	294

**Agromet Advisory**

**General:** Farmers should complete their beushaning and transplanting of paddy in between 2-3 week as is forecasted for the block in upcoming 5 days as well as in the upcoming week (9-15<sup>th</sup> August). Farmers should stop irrigation and fertiliser application up to 10<sup>th</sup> August.

**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. if swarming caterpillar found after the flood water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.

**Maize:** Early sown crop is at 6 to 7 week stage. Apply 8 kg N/acre followed by earthing up. Drain out excess water if continuous rain occurs. Aphid infestation has been found. Spray 2 ml methyle demeton or dimethoate/litre water. Avoid spraying if green lace wing bugs (1000 bugs/acre) are present in the field

**Sesame:** The weather is optimum for sowing of Sesame. Grow improved HYV like Prachi, Kalika, Kanak, Vinayak etc. Use 1 to 1.2 kg seeds /acre. Before sowing treat the seeds with 3 g Ceresan/kg seeds. Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.

**Cashew nut:** July-August is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

**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.

**Mango:** July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied..

**ANIMAL HUSBANDRY:** 1. Vitamin-mineral mixture and immune boosters may be supplemented to both livestock and poultry to facilitate rapid adjustment to the climate. 2. Maximum care should be taken not to make the animals wet.

**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**