



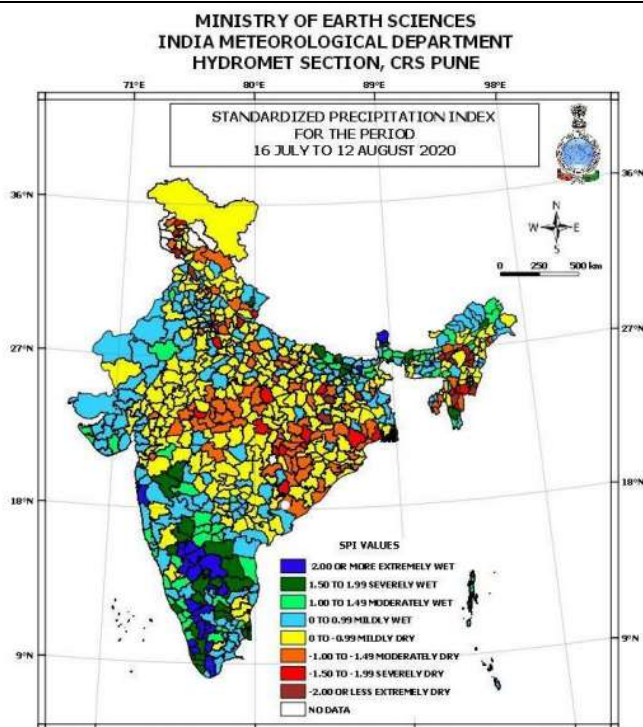
GRAMIN KRUSHI MAUSAM SEVA
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DISTRICT AGROMET UNIT
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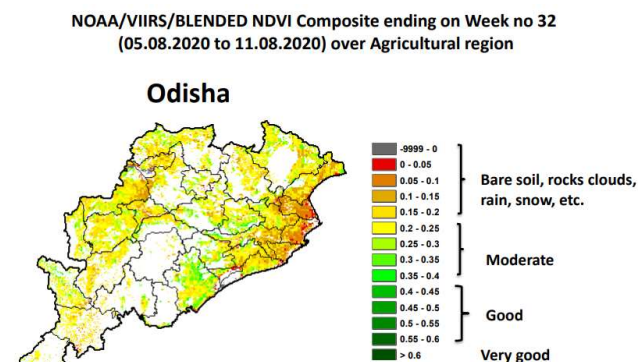


Bulletin No-115
Date-14.08.2020

STANDARD PRECIPITATION INDEX AND NDVI MAP



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



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

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-115
Date-14.08.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 322 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will 29-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 64-70% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall (mm)	48	35	8	5	7
T-Max (°C)	31	30	30	29	31
T-Min (°C)	23	22	23	23	24
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	91	94	89	85	87
RH Min (%)	70	69	70	69	64
Wind Speed (kmph)	12	12	12	11	11
Wind Direction (deg)	291	249	212	243	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-94% and 61-73% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	47	36	8	3	8
T-Max(°C)	31	30	29	29	31
T-Min(°C)	23	22	22	22	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	90	94	90	84	86
RH Min (%)	68	70	73	67	61
Wind Speed (Kmph)	12	11	11	11	11
Wind Direction (deg)	270	249	225	238	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice.

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-115
Date-14.08.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 204 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-93% and 59-69% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e. +30.7% departure from normal.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	47	33	6	3	9
T-Max(°C)	31	30	30	29	31
T-Min(°C)	23	22	22	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	88	93	88	83	85
RH Min (%)	68	69	69	67	59
Wind Speed (Kmph)	13	11	13	12	12
Wind Direction (deg)	270	249	225	238	248

Agromet Advisory

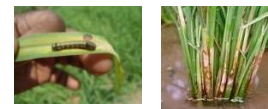
General: Farmers should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between 2-3 week as good amount of rainfall was realized in the past week and also is forecasted for the block in upcoming 5 days as well as in the upcoming week (19-25th August). Farmers should stop irrigation and fertilizer application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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



VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr.Dilip Ranjan Sarangi
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Bulletin No-115
Date-14.08.2020

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. **According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district.** Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: **Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block.** The day temperature will be 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-93% and 59-70% respectively. There will be overcast sky for next 5 days. **There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	44	32	6	3	9
T-Max(°C)	31	29	30	29	31
T-Min(°C)	23	22	22	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	88	93	88	83	85
RH Min (%)	68	70	68	68	59
Wind Speed (Kmph)	12	11	13	12	12
Wind Direction (deg)	270	249	225	238	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

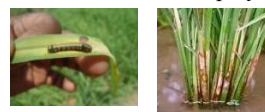
Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 40 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-31°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-92% and 59-70% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e. +30.7% departure from normal.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	37	32	5	6	7
T-Max(°C)	31	29	31	29	31
T-Min(°C)	24	23	24	23	24
Cloud Cover	8	8	8	8	8
RH Max (%)	88	92	84	83	84
RH Min (%)	65	70	64	67	59
Wind Speed (Kmph)	12	14	16	15	14
Wind Direction (deg)	283	249	238	243	248

Agromet Advisory

General: Farmers should drain out excess water from vegetable and rice nurseries and should complete their weeding 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 (19-25th August). Farmers should stop irrigation and fertilizer application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 24 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-31°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 62-69% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	42	28	6	6	7
T-Max(°C)	31	30	30	29	31
T-Min(°C)	24	23	24	23	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	90	93	87	85	85
RH Min (%)	68	69	66	67	62
Wind Speed (Kmph)	12	14	15	14	13
Wind Direction (deg)	281	249	238	246	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 41 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 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 81-90% and 56-72% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	38	28	3	6	5
T-Max(°C)	31	28	31	29	32
T-Min(°C)	25	23	25	24	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	90	81	81	82
RH Min (%)	60	72	62	63	56
Wind Speed (Kmph)	12	14	18	18	16
Wind Direction (deg)	283	249	238	246	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr.Dilip Ranjan Sarangi
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Bulletin No-115
Date-14.08.2020

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

The block received 99 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 60-71% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	42	27	7	9	6
T-Max(°C)	32	30	31	29	31
T-Min(°C)	25	24	24	23	25
Cloud Cover(octal)	7	8	8	8	8
RH Max (%)	88	91	84	85	84
RH Min (%)	61	71	65	66	60
Wind Speed (Kmph)	12	18	18	16	16
Wind Direction (deg)	285	249	238	248	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 124 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 61-74% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Narsinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	37	34	6	1	7
T-Max(°C)	31	30	29	29	30
T-Min(°C)	23	22	22	22	23
Cloud Cover(/octa)	8	8	8	8	8
RH Max (%)	92	95	91	85	88
RH Min (%)	66	67	74	67	61
Wind Speed (Kmph)	10	9	8	9	9
Wind Direction (deg)	283	249	212	238	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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Bulletin No-115
Date-14.08.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 38 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 28-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 53-74% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e. +30.7% departure from normal.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	40	28	3	5	2
T-Max(°C)	32	28	31	29	32
T-Min(°C)	25	24	25	24	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	88	80	78	80
RH Min (%)	59	74	63	61	53
Wind Speed(Kmph)	13	15	20	20	18
Wind Direction(deg)	283	248	246	248	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 80 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will 29-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 59-71% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	41	29	4	8	7
T-Max(°C)	32	29	31	29	31
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	88	91	83	84	85
RH Min (%)	61	71	64	65	59
Wind Speed (Kmph)	12	17	18	16	16
Wind Direction (deg)	279	249	238	248	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 28 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 60-72% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	40	27	4	8	7
T-Max(°C)	32	29	31	29	31
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	88	91	83	85	85
RH Min (%)	63	72	64	65	60
Wind Speed (Kmph)	12	17	17	16	15
Wind Direction (deg)	287	249	238	248	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried

Dr. Dilip Ranjan Sarangi
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Bulletin No-115
Date-14.08.2020

for about 30 minute before feeding.

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today and light to moderate rainfall is forecasted for tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will 31-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-87% and 56-73% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e +30.7% departure from normal.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	41	28	4	7	6
T-Max(°C)	35	31	32	32	34
T-Min(°C)	28	27	27	27	28
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	83	87	81	78	79
RH Min (%)	56	73	68	64	56
Wind Speed (Kmph)	15	21	24	24	22
Wind Direction (deg)	281	248	246	248	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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Bulletin No-115
Date-14.08.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 94 mm and district received 97 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 86-80%. According to NDVI map (05.08.2020 to 11.08.2020) the agriculture vigor was moderate to less over maximum blocks and moderate over some part of Narsinghpur, Badamba, Athagad, Banki-Dampada block in Cuttack district. Whereas according to SPI value (cumulative 4 weeks – 16 July 2020 to 12 August 2020), mildly dry condition was there.

Forecasted period: 15th August 2020 to 19th August 2020

Weather advisory: Moderate to heavy rainfall is forecasted for today, tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 63-73% respectively. There will be overcast sky for next 5 days. There will be above normal rainfall over Odisha state in the upcoming week (19-25th August) i.e. +30.7% departure from normal.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/08/2020	16/08/2020	17/08/2020	18/08/2020	19/08/2020
Rainfall(mm)	44	35	9	4	8
T-Max(°C)	31	30	30	29	31
T-Min(°C)	23	22	22	22	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	90	94	90	85	87
RH Min (%)	70	69	73	71	63
Wind Speed (Kmph)	12	11	11	11	11
Wind Direction (deg)	283	249	212	243	248

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 (19-25th August). Farmers should stop irrigation and fertiliser application in rainy days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, foot rot and swarming caterpillar, leaf folder in rice

Kharif Rice:

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

Disease and pest

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

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