As per SPI value (cumulative - 1 Jun 2020 to 22 July 2020), Extremely dry condition was there in Cuttack district.

According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks in Cuttack district.
The block received 157 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agricultural vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will 33-36°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 47-54% respectively. There will partly cloudy to overcast sky for next 5 days.

There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

### Agromet Advisory

#### General:
Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

#### Kharif Rice:
Direct seeded rice: In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds to two to three leaf stages, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for weeding and gap filling. Apply 35 kg urea/ac at beushaning followed by 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, 100 kg SSP and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

Transplanted rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthaparhydrochloride 4%G 1 kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35 kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2 kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/l of water before transplanting if granular insecticides are not applied in nursery.

#### VEGETABLES:
- **Nursery treatment of Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- **OKRA**: Apply 15-kg of urea per acre for High yielding varieties and 20-kg of urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- **Cucurbit vegetables**: Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly- Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/litre water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxycloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- **To control thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200 litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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**Dr. Dilip Ranjan Sarangi**  
(Nodal officer)
The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will be 32-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 45-56% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the block (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall(mm)</th>
<th>T-Max(°C)</th>
<th>T-Min(°C)</th>
<th>Cloud Cover(octa)</th>
<th>RH Max (%)</th>
<th>RH Min (%)</th>
<th>Wind Speed (Kmph)</th>
<th>Wind Direction (deg)</th>
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<td>29/07/2020</td>
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<td>86</td>
<td>47</td>
<td>13</td>
<td>199</td>
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</tbody>
</table>

Kharif Rice:
**Direct seeded rice** In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go 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:** Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthaprichloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf fold disorder in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyrophos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

**VEGETABLES:**
- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- **OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- **cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachina beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acethephate@1.5g/l of water to control it. Downy mildew: Spray Metaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestocks should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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

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**Dr.Dipan Ranjan Sarangi**
(Nodal officer)
The block received 62 mm and district received 50 mm rainfall during last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General Advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on Sunday and Monday. The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 45-53% respectively. There will be partly cloudy to overcast sky for next 5 days.

There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

<table>
<thead>
<tr>
<th></th>
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<tr>
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<tr>
<td>T-Min(°C)</td>
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<td>25</td>
<td>26</td>
<td>25</td>
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<tr>
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<td>8</td>
<td>7</td>
<td>8</td>
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<tr>
<td>RH Max (%)</td>
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<td>80</td>
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<td>84</td>
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<tr>
<td>RH Min (%)</td>
<td>53</td>
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<td>45</td>
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</tr>
<tr>
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<td>15</td>
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<tr>
<td>Wind Direction (deg)</td>
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<td>204</td>
<td>212</td>
<td>205</td>
<td>203</td>
<td></td>
</tr>
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</table>

Agromet Advisory

**General:** Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion of the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

**Kharif Rice:** Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha⁻¹ in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go 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 ss and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:** Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of stem borer,leaf folder control in main field. Apply well decomposed FYM 2 ton ,DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM,25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with Chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

**VEGETABLES:**

- **Nursery treatment of Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 -kg of urea should be applied as last top-dressing fertilizer at 45 DAT.

- **OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.

- **cucurbit vegetables:** Go for seed treatment of seeds with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycon along with 20 g Bliotx 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/litre water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxichloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

- **To control thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestocks should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes,grasses and water stagnation.
AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 46-53% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

<table>
<thead>
<tr>
<th>Block</th>
<th>Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall(mm)</td>
<td>2</td>
</tr>
<tr>
<td>T-Max(°C)</td>
<td>33</td>
</tr>
<tr>
<td>T-Min(°C)</td>
<td>24</td>
</tr>
<tr>
<td>Cloud Cover(octa)</td>
<td>7</td>
</tr>
<tr>
<td>RH Max (%)</td>
<td>83</td>
</tr>
<tr>
<td>RH Min (%)</td>
<td>53</td>
</tr>
<tr>
<td>Wind Speed (Kmph)</td>
<td>12</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>204</td>
</tr>
</tbody>
</table>

Agromet Advisory

Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown nursery rice, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bipyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week farmers should go 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:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. For foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthapkydrochloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35 kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM,25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

• Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be last top-dressing fertilizer at 45 DAT.

• OKRA: Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.

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• To control thrrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr. Dilip Ranjan Sarangi
(Nodal officer)
The block received 48 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 1 dry day on Today. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-85% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

<table>
<thead>
<tr>
<th>Block</th>
<th>Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
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<tbody>
<tr>
<td>Rainfall (mm)</td>
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<tr>
<td>T-Max (°C)</td>
<td>32</td>
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<tr>
<td>T-Min (°C)</td>
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<td>RH Max (%)</td>
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<td>Wind Speed (Kmph)</td>
<td>14</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>204</td>
</tr>
</tbody>
</table>

Agromet Advisory

**General:** Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

**Kharif Rice:** Direct seeded rice in direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds to two to three leaf stage, spray Bispyribac sodium at 20 g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for weeding 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, 100 kg SSP and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days. Transplanted rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycino at 1.0 g/l to prevent the spread of the disease. This water can be used for irrigation in the crops during dry spell.

**Vegetables:**
- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycino@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30 kg of Urea and 20 kg of MOP per acre after hoeing and weeding at 25 DAT. Rest 30 kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- **OKRA:** Apply 15 kg of Urea per acre for High yielding varieties and 20 kg of Urea per acre for hybrides as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- **Curcubit Vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucubits. Spray Acephate@1.5 g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxycloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/acre.
The block received 48 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

**Forecasted period: 25th July 2020 to 29th July 2020**

**General advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Sunday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 45-50% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

This water can be used for irrigation in the crops during dry spell.

**Kharif Rice:** Direct seeded rice in direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds to about three to two leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go 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, 100 kg ss and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:** Intermittent dry and wet weather cdition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nurseries. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthrophylchlorid 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35 kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azospirillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/litre of water before transplanting if granular insecticides are not applied in nursery.

**VEGETABLES:**

- **Nursery treatment of Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 25 DAT. Rest 30-kg of urea should be applied as last top-dressing fertilizer at 45 DAT.

- **OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAT. Select suitable YMV tolerant Okra seeds.

- **cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenfos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternatively Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestocks should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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**Dr.Dilip Ranjan Sarangi**

(Nodal officer)
AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 09 mm and district received 50 mm rainfall during the last week. The mean daily minimum and maximum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for today and Tuesday with 3 dry days on Tomorrow, Sunday and Monday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-858% and 43-49% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispirabac sodium@20g a.i. in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by 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: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of hexaconazole with plantomycin@1.0 g/l to prevent the spread of the disease. Prevaling high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil S@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthophenphloride 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35 kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied at top dressing fertilizer at 45 DAT.
- OKRA: Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- Cucurbit vegetables: Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetles in Brinjal nursery & raton crop besides in Cucurbit. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazin+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantoncium along with 20 g Bitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxichloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrps in chilli spray 300ml ethion or 400ml carbasulphan in 200litre water/ac.

ANIMAL HUSBANDRY: Vaccination of livestocks should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.
AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 53 mm and district received 50 mm rainfall during the last week. The mean daily minimum and maximum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Tuesday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 45-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

This water can be used for irrigation in the crops during dry spell.

Kharif Rice: Direct seeded rice

In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium @0.4g/ha in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go for beushanning in medium and low land condition. Apply 35 kg urea/ac at beushanning followed by weed cutting 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:

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam @0.4g/litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthrophloral 4%/G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as top dressing fertilizer at 45 DAT.
- OKRA: Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables: Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin Carbenazin+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 1 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/litre water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxyscloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

ANIMAL HUSBANDRY:

- Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.
Past week, rain and humidity were very low; there was practically no irrigation. The general condition of the crops was not good. However, it was observed that farmers did take precautions to control pests, diseases, and weeds. In the following sections, we will discuss in detail the weather condition, crop management, and the general outlook for next week.

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

The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agricultural vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

**Forecasted period: 25th July 2020 to 29th July 2020**

**General advisory:** Very light to light rainfall is forecasted for upcoming 5 days in the block. The day temperature will be 32-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-92% and 44-57% respectively. There will be partly cloudy to overcast sky for next 5 days. *There will be below normal rainfall in the week (26July-01 August) in Odisha condition.*

<table>
<thead>
<tr>
<th>Block</th>
<th>Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
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<tbody>
<tr>
<td>Rainfall (mm)</td>
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<td>T-Mini(°C)</td>
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<tr>
<td>Cloud Cover (octa)</td>
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<tr>
<td>RH Max (%)</td>
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</tr>
<tr>
<td>RH Min (%)</td>
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</tr>
<tr>
<td>Wind Speed (Kmph)</td>
<td>7</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>199</td>
</tr>
</tbody>
</table>

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. *This water can be used for irrigation in the crops during dry spell.*

**Kharif Rice:**

**Direct seeded rice** In direct seeded rice and early sown nursery varieties, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispipirac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of irrigation is realized in the past week, farmers should go 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 ss and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:** Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in nursery rice nursery. Apply Fipronil 0.3%G 100g or cartraphydrochloride 4%G 1 kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2 kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

**VEGETABLES:**

- **Nursery treatment of Brinjal seedlings** by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as top dressing fertilizer at 45 DAT.
- **OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- **cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & raton crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%. Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd- Spray 10 g Mannitocplomyc along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenosfo@ 2ml/litr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternatively Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- **To control thrpsi in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- **ANIMAL HUSBANDRY:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.
The block received 17 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will be 33-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

### Block Past week weather condition and Block past Rainfall condition

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall(mm)</th>
<th>T-Max(°C)</th>
<th>T-Min(°C)</th>
<th>Cloud Cover(octa)</th>
<th>RH Max (%)</th>
<th>RH Min (%)</th>
<th>Wind Speed(Kmph)</th>
<th>Wind Direction(deg)</th>
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<tbody>
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<td>33</td>
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<tr>
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<td>29/07/2020</td>
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<td>8</td>
<td>80</td>
<td>43</td>
<td>20</td>
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### Transplanted rice:
Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiometoxam@0.4g/ litre of water as last top dressing after 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35 kg and MOP 13 kg per acre for High yielding varieties and 20 kg of urea after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.

### VEGETABLES:
- **Nursery treatment of Brinjal** seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- **OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 7-10 days after transplanting. Select suitable YMV tolerant Okra seeds.
- **cucumber varieties:** Go for seed treatment of seeds with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@2ml/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%, Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb@ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Bition 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray prophenofos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- **To control thrips in chilli:** spray 300ml ethion or 400ml carbasulphan in 200litre water/ac.

**Debasish Jena**

**Nodal officer**

**E-mail:** kvkcuttack@gmail.com

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

**Debashis Jena**

**Nodal officer**

**E-mail:** kvkcuttack@gmail.com

**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for lightning alert in your area**
The block received 0 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

**General advisory:**

Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 44-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

**Forecasted period:** 25th July 2020 to 29th July 2020

<table>
<thead>
<tr>
<th>Block</th>
<th>Nischtakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Rainfall(mm)</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
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</table>

**Agromet Advisory**

**General:** Farmers may go for transplanting of paddy with assured irrigation in up and medium to low land as very less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

**Transplanted rice:**

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is forecasted in upcoming 5 days, farmers should go for beushanging in medium and low land condition. Apply 35 kg urea/ac at beushanging 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, 100 kg SSP and 26 kg MOP while beushanging followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as last top-dressing fertilizer at 45 DAT.

**OKRA:** Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.

**cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl-Manzocebe@0.2%. Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%. Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/ltr water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxchloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

**To control thrrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes,grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)
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

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 11 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will be 32-36°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 44-51% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

<table>
<thead>
<tr>
<th>Block</th>
<th>Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>15</td>
</tr>
<tr>
<td>T-Max(°C)</td>
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</tr>
<tr>
<td>T-Min(°C)</td>
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</tr>
<tr>
<td>Cloud Cover (octa)</td>
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<td>RH Max(%)</td>
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<tr>
<td>RH Min(%)</td>
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<tr>
<td>Wind Speed (Kmph)</td>
<td>14</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>204</td>
</tr>
</tbody>
</table>

Agromet Advisory

**General:** Farmers may go for transplanting of paddy with assured irrigation, both in up and medium to low land as less amount of rainfall was realized in the past week and also very light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

**Kharif Rice:**
Direct seeded rice: In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go 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. Apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7 days.

Transplanted rice:
Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomyacin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thionemethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should start transplanting. Apply Fipronil 0.3%G 700g or carthaphyracetamide 4%G 1kg for 10 decimal nursery before 7-10 days of transplanting for stem borer, leaf folder control in main field. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13 kg per acre for long and medium duration varieties and apply 2ton FYM, 25 kg DAP, 10 kg MOP per acre for short duration varieties before transplanting. For better result and soil health applies biofertilizer azosporillum and PSB 2kg each per acre. Go for seedling root dip treatment with chloropyriphos @ 2ml/lit of water before transplanting if granular insecticides are not applied in nursery.

**VEGETABLES:**
- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomyacin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30 kg of Urea and 20 kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30 kg of urea should be applied as last topping fertilizer at 45 DAT.
- OKRA: Apply 15 kg of Urea per acre for High yielding varieties and 20 kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- cucurbit vegetables: Go for seed treatment of seeds of Cucurbit vegetables with Carbosub+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle. In Brinjal nursery & ratoon crop besides in Cucurbit. Spray Acetophenate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl+Mancozeb@0.2%. Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancobe@ 0.15%. Root rot in pointed gourd- Spray 10 g plantomycin along with 20 g Blitox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @2ml/litre water. Present weather may aggravate Fruit rot in pointed gourd to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxysulphate 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

**ANIMAL HUSBANDRY:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes,grasses and water stagnation.

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

INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
The district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1June 2020 to 22 July 2020), Extremely dry condition was there.

**General advisory:** Very light to moderate rainfall is forecasted for upcoming 5 days in the block except 2 dry days on tomorrow and Monday. The day temperature will 33-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 49-59% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26July-01 August) in Odisha condition.

**Kharif Rice:**

Direct seeded rice In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispypirac sodium@20g a.i. ha-1 in 500 litres of water. Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is realized in the past week, farmers should go 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, 100 kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**Transplanted rice:**

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperaure condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. As light to moderate of rainfall is realized in the past week, farmers should go 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, 100 kg ssp and 26 kg MOP while beushaning followed by top dressing of 35 kg urea after 7-10 days.

**VEGETABLES:**

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting. Those farmers who have already transplanted brinjal in main field should apply 30-kg of Urea and 20-kg of MOP per acre after hoeing and weeding at 30 DAT. Rest 30-kg of urea should be applied as last top-dressing fertilizer at 45 DAT.
- OKRA: Apply 15-kg of Urea per acre for High yielding varieties and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS. Select suitable YMV tolerant Okra seeds.
- **cucurbit vegetables:** Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachina beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it. Downy mildew: Spray Metalaxyl-Mancozeb@0.2%. Alternaria blight in bitter gourd and pumpkin- spray Carbendazim+Mancozeb @ 0.15%, Root rot in pointed gourd-Spray 10 g plantomycin along with 20 g Bitlox 50 in 10 litre water, Fruit fly-Spray 3 ml selvinWP in 1 litre water, Red pumpkin beetle-Spray profenofos @ 2ml/litre water. Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.
- To control thrips in chilli spray 300ml ethion or 400ml carbofuran in 200litre water/acre.
- **ANIMAL HUSBANDRY:** Vaccination of livestocks should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes,grasses and water stagnation.

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOWDHAR**

<table>
<thead>
<tr>
<th>Block</th>
<th>Tangi-Chowdhar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>14</td>
</tr>
<tr>
<td>T-Max(°C)</td>
<td>33</td>
</tr>
<tr>
<td>T-Min(°C)</td>
<td>29</td>
</tr>
<tr>
<td>RH Max (%)</td>
<td>79</td>
</tr>
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<td>Wind Speed (Kmph)</td>
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</tr>
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<td>Wind Direction (deg)</td>
<td>203</td>
</tr>
</tbody>
</table>

**FARMERS:**

Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area.
The block received 111 mm and district received 50 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 87-78%. According to NDVI map (15.07.2020 to 21.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative – 1 June 2020 to 22 July 2020), Extremely dry condition was there.

Forecasted period: 25th July 2020 to 29th July 2020

General advisory: Very light to light rainfall is forecasted for upcoming 5 days in the block except 1 dry day on Sunday. The day temperature will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 46-55% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the week (26 July-01 August) in Odisha condition.

Block Past week weather condition and Block past Rainfall condition

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall (mm)</th>
<th>T-Max(°C)</th>
<th>T-Min(°C)</th>
<th>Cloud Cover (octa)</th>
<th>RH Max (%)</th>
<th>RH Min (%)</th>
<th>Wind Speed (Kmph)</th>
<th>Wind Direction (deg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25/07/2020</td>
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<td>33</td>
<td>24</td>
<td>7</td>
<td>88</td>
<td>55</td>
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<td>26/07/2020</td>
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<td>29/07/2020</td>
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<td></td>
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<td></td>
<td>86</td>
<td>47</td>
<td>14</td>
<td>203</td>
</tr>
</tbody>
</table>

Agronet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation in up land and without in medium to low land as good amount of rainfall was realized in the past week and also very light to light rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the week (26 July-01 August) in Odisha condition. This water can be used for irrigation in the crops during dry spell.

Kharif Rice:

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VEGETABLES:

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• To control thrps in chilli, spray 300 ml ethion or 400ml carbosulphan in 200 litre water/ac.

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Dr. Dilip Ranjan Sarangi
(Nodal officer)