

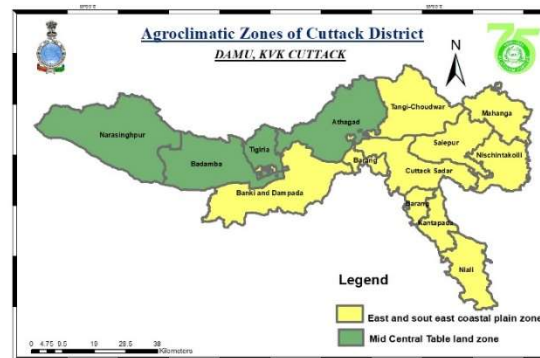


**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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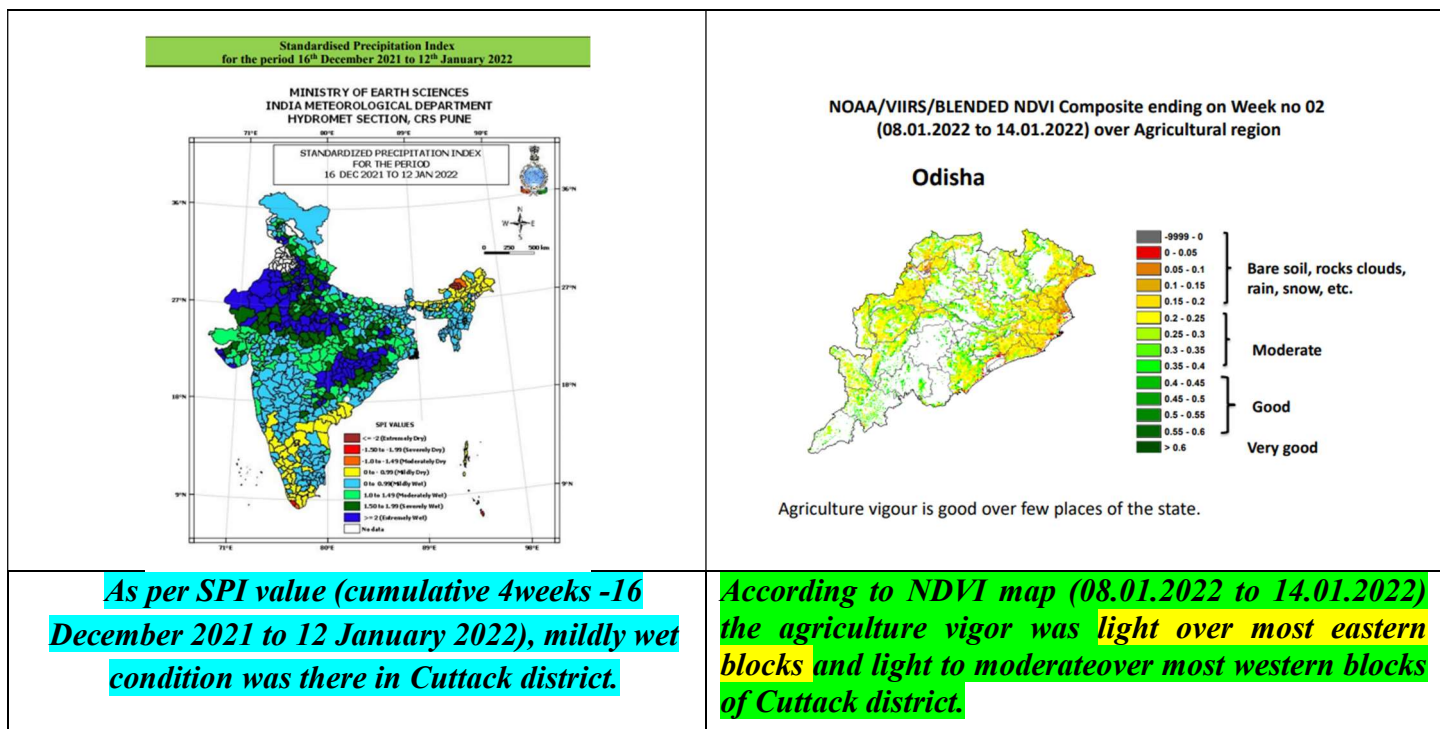


Bulletin No.-263  
 Date- 18/01/2022

## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



<b>LEGEND (Medium range block level rainfall forecast)</b>		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

Dr Sujata Sethy  
 (Nodal officer)



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Debasish Jena  
 SMS (Agrometeorology)  
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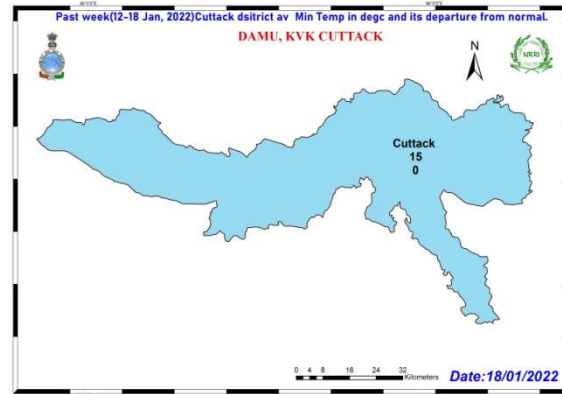
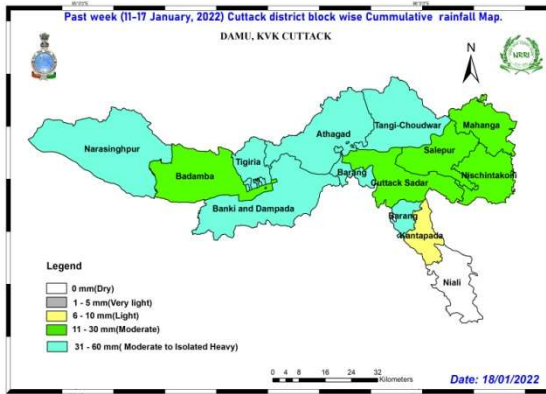


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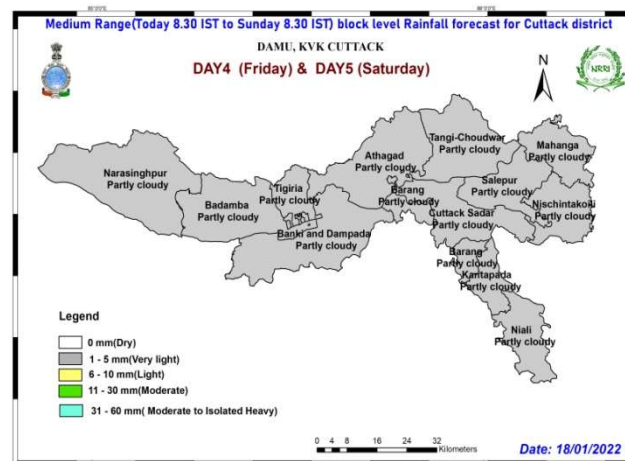
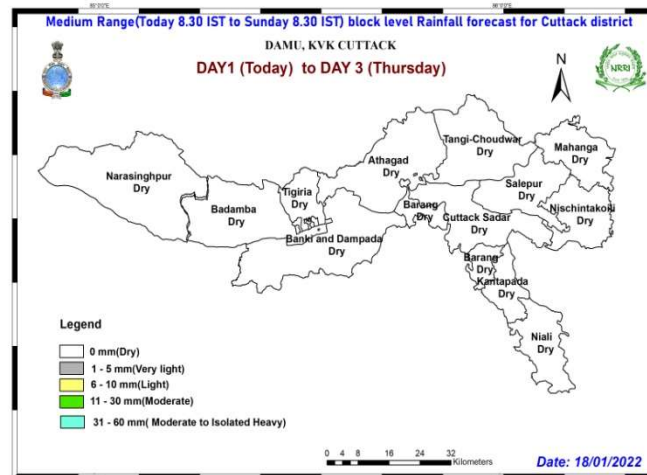


**Bulletin No.-263**  
**Date- 18/01/2022**

**Past week (11-17 Jan, 2022) cumulative rainfall and (12-18 Jan) average minimum temperature and its departure from normal for Cuttack district**



**Medium range (Today (8.30IST) to Sunday (8.30IST)) Rainfall (mm) forecast for Cuttack district**



**Dr Sujata Sethy**  
 (Nodal officer)



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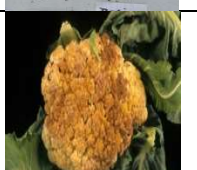
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Bulletin No.-263  
 Date- 18/01/2022

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**Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables**

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	After harvest		Stored grain pest
2	Pulses	Vegetative		Aphid
				Wilting
3	Groundnut	Seedling to flowering		Stem rot
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Seedling rot
				Wilting
				Fruit rot
				Stem rot
5	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Soft rot

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**Bulletin No.-263**  
**Date- 18/01/2022**

				<b>Tobacco caterpillar</b>
6	Potato/onion	Nursery to vegetative		<b>Seedling rot</b>
				<b>Leaf blight</b>
7	Cucurbits(Ridge gourd)	Fruiting		<b>Downy mildew</b>
8	Banana	Vegetative to Fruiting		<b>Rhizome rot</b>
9	Papaya	Vegetative to Fruiting		<b>Crown rot</b>

**Dr Sujata Sethy**  
**(Nodal officer)**



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Bulletin No.-263  
Date- 18/01/2022

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

The block received average 5mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-38°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-93% and 25-36% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall (mm)	0	0	0	1	1
T-Max (°C)	25	26	27	28	28
T-Min (°C)	11	12	14	15	15
Cloud Cover (octa)	0	0	3	4	4
RH Max (%)	69	71	93	68	89
RH Min (%)	25	28	24	23	36
Wind Speed (kmph)	5	4	5	6	17
Wind Direction (deg)	11	333	225	23	167

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/litr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 11-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 22-33% respectively. There will clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	25	26	27	28	28
T-Min(°C)	11	12	15	15	16
Cloud Cover(octa)	0	0	0	3	3
RH Max (%)	70	67	96	70	90
RH Min (%)	26	28	23	22	33
Wind Speed (Kmph)	4	4	5	5	17
Wind Direction (deg)	150	252	248	297	167

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-95% and 23-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	11	11	13	14	15
Cloud Cover(octa)	1	0	3	4	4
RH Max (%)	71	72	95	74	87
RH Min (%)	25	28	25	23	37
Wind Speed (Kmph)	5	4	6	5	18
Wind Direction (deg)	349	165	248	293	180

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **roting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

The block received average 6mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather Advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-94% and 23-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	11	11	13	14	15
Cloud Cover(octa)	1	0	3	4	4
RH Max (%)	71	73	94	74	87
RH Min (%)	25	28	25	23	37
Wind Speed (Kmph)	5	5	6	5	18
Wind Direction (deg)	349	243	248	288	180

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **roting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 5mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-92% and 24-42% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	12	12	14	15	17
Cloud Cover	0	0	0	2	2
RH Max (%)	67	79	92	82	88
RH Min (%)	24	29	28	25	42
Wind Speed (Kmph)	5	5	7	6	16
Wind Direction (deg)	23	214	225	281	193

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/litr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 3mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-92% and 24-41% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	2	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	12	12	14	15	17
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	66	77	92	74	89
RH Min (%)	24	28	26	24	41
Wind Speed (Kmph)	4	4	7	7	15
Wind Direction (deg)	18	248	225	293	193

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 1mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-27°C and night temperature will be 14-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-90% and 25-42% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	2	1
T-Max(°C)	25	26	27	27	27
T-Min(°C)	14	16	17	17	19
Cloud Cover(octa)	0	0	0	2	2
RH Max (%)	67	80	90	86	86
RH Min (%)	25	31	34	29	42
Wind Speed (Kmph)	5	6	9	7	15
Wind Direction (deg)	11	240	243	240	193

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **roting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be and it will be 25-28°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-91% and 23-44% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	2	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	12	12	14	15	17
Cloud Cover(octal)	0	0	3	4	4
RH Max (%)	60	79	91	75	88
RH Min (%)	23	29	28	27	44
Wind Speed (Kmph)	5	5	7	7	14
Wind Direction (deg)	15	165	248	300	180

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **roting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

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

The block received average 8mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-96% and 21-29% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	27	28	28	28
T-Min(°C)	11	11	12	14	15
Cloud Cover(/octa)	0	0	0	3	4
RH Max (%)	69	60	96	69	96
RH Min (%)	26	26	21	21	29
Wind Speed (Kmph)	3	3	3	4	12
Wind Direction (deg)	315	259	285	315	167

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23rd January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-29°C and night temperature will be 14-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-88% and 26-43% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	29
T-Min(°C)	14	16	18	18	20
Cloud Cover(octa)	0	0	0	3	4
RH Max (%)	67	79	86	88	83
RH Min (%)	26	33	39	34	43
Wind Speed(Kmph)	6	6	10	8	16
Wind Direction(deg)	19	210	238	244	201

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/litr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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



**Bulletin No.-263**  
**Date- 18/01/2022**

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 3mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 14-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-91% and 23-44% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	14	15	17	17	19
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	62	80	91	79	87
RH Min (%)	23	29	30	27	44
Wind Speed (Kmph)	5	6	8	7	14
Wind Direction (deg)	15	165	244	270	193

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-263  
Date- 18/01/2022

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-91% and 23-44% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	2	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	12	12	14	16	17
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	62	80	91	77	88
RH Min (%)	23	29	29	26	44
Wind Speed (Kmph)	5	5	7	7	14
Wind Direction (deg)	15	165	244	270	193

**Agromet Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR



Bulletin No.-263

Date- 18/01/2022

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

The block received average 4mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-83% and 27-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	3	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	12	12	14	16	17
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	62	72	79	83	78
RH Min (%)	27	31	43	39	49
Wind Speed (Kmph)	8	7	12	12	18
Wind Direction (deg)	108	162	225	216	198

Agromet Advisory

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/ltr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Dr Sujata Sethy  
(Nodal officer)



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**Bulletin No.-263**  
**Date- 18/01/2022**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 5mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 24.7°C (-3.91°C from normal) and 15.4°C (+0.48°C from normal), respectively. Mean relative humidity of the district was around 78-93%.

**Forecasted period: Today(8.30IST) to 23<sup>rd</sup> January (8.30IST)2022**

**Weather advisory:** Very light rainfall with partly cloudy sky is forecasted for Friday and Saturday and dry weather is forecasted for upcoming 3 days in the block. The day temperature will be 25-28°C and night temperature will be 11-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-94% and 23-34% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/01/2022	19/01/2022	20/01/2022	21/01/2022	22/01/2022
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	25	26	27	28	28
T-Min(°C)	11	12	14	15	17
Cloud Cover(octa)	0	0	0	3	4
RH Max (%)	70	68	94	65	90
RH Min (%)	26	28	24	23	34
Wind Speed (Kmph)	5	4	5	6	17
Wind Direction (deg)	341	248	248	23	167

**Agro met Advisory**

- Resume sowing of the rabi crops and vegetables from today.
- Cover the vegetable nursery with white polythine to protect it from cold temperature.
- Irrigate the crops and vegetable field in evening and morning hour.
- Resume intercultural operations, spraying and fertilization and irrigation from today in rabi crops.
- Maintain proper drainage in the field.
- If stored grain will be affected by rain, they should be taken out and dried to safe storage moisture (12%) after rainfall.
- Due to increased moisture in grain in last week, it is expected that infestation of stored grain pest may occur, hence they have to be fumigated with aluminium phosphide (3 tablet/ton of grain).
- Due to waterlogged conditions or continuous saturated condition of soils after rainfall in last week, crops tend to show micronutrient deficiencies. Hence, take up foliar spray of micronutrients immediately.
- Foliar spray of 2%DAP + 1% KCL(MOP) should be carried out in vegetables after rainfall.
- In Banana, Cashew and Citrus in Vegetative and flowering stage spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times.
- To avoid **stem rot** in **groundnut** due to rain in last week, apply hexaconazole 5% 1.5 ml/ltr of water.
- To control **wilting** in **pulses** due to rain in last week, spray Validamycin 2g/litr water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable** crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- To control **tobacco caterpillar** **Cauliflower or Cabbage**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre. To control **rotting** in **Cauliflower or Cabbage** spray, Metalaxyl+Mancozeb @2g with 0.2 g Streptocyclin per liter water.
- **Seedling rot** is likely to appear due to rain in last week in vegetable nursery like **potato, onion**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @2g/litre or Copper oxychloride @2.5g/litre of water to control it.
- Due to rain in last week, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Due to rain in last week, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- For **leaf blight** problem in ridge gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- Due to rain in last week go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre for **panama wilt of Banana disease**.
- Due to rain in last week conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

**Dr Sujata Sethy**  
(Nodal officer)



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Bulletin No.-263  
 Date- 18/01/2022

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	

Dr Sujata Sethy  
 (Nodal officer)



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