

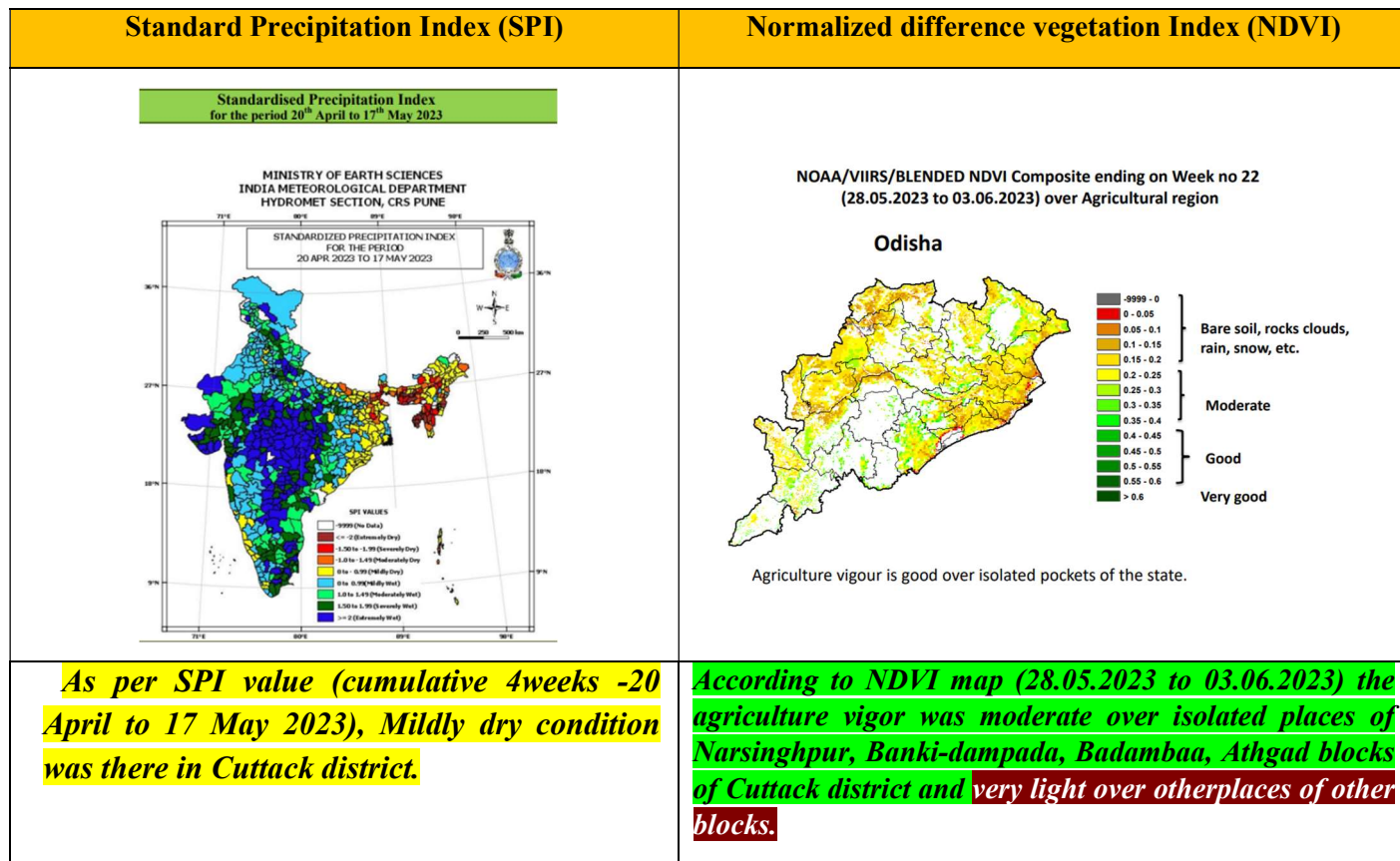


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-406
Date- 06/06/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP



LEGEND (Medium range block level rainfall forecast)		
	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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

Dr Sujata Sethy
(Nodal officer)



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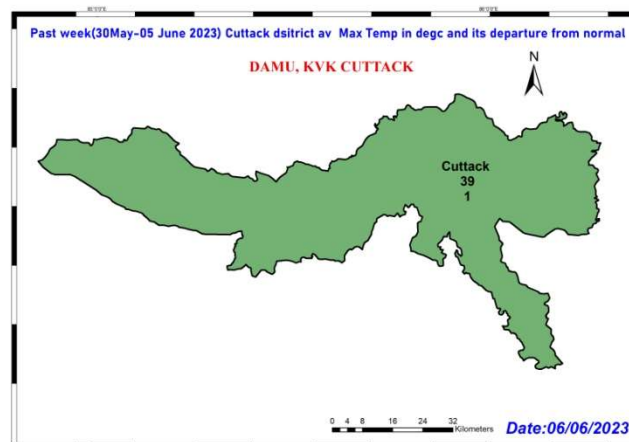
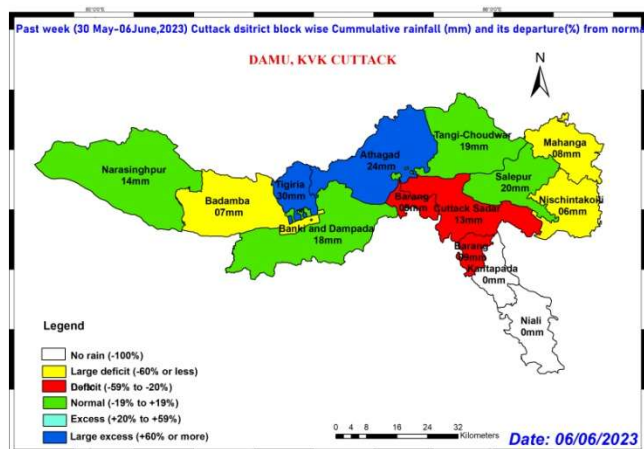


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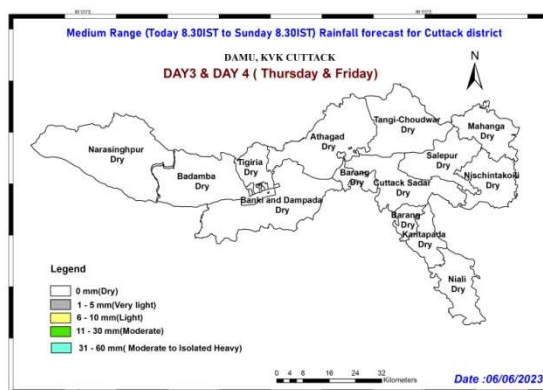
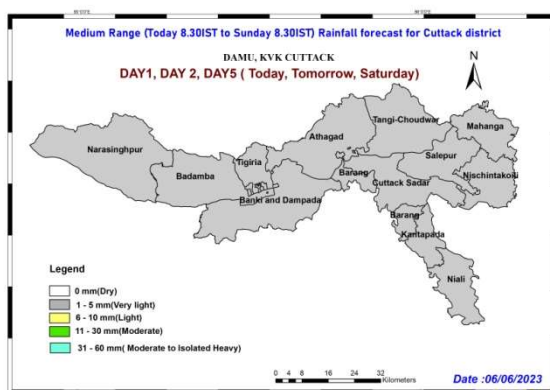


Bulletin No.-406
Date- 06/06/2023

Past week (30 May-05 June, 2023) cumulative rainfall departure% from normal and (30 May-05 June) average maximum temperature and its departure from normal for Cuttack district



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



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Bulletin No.-406
 Date- 06/06/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (11-17 June 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	3.48	7.95	-56.28	Below Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	38.57	35.29	3.28	Moderately Above Normal
	Minimum temperature (°C)	26.23	25.50	0.72	Normal

As per extended range outlook there will be below normal rainfall is forecasted in subsequent week (11-17 June, 2023) after 5 days for Odisha condition, so farmers should go for irrigation activities (Based upon nowcast), mulch application in summer vegetables and should complete summer ploughing in the subsequent week. Farmers should start DSR method of sowing (10-15 days before onset of Monsoon) if sufficient pre-monsoon thundershower was there or irrigation facilities are available only. They are advised to pause nursery sowing of kharif rice up to 17th June.

Dr Sujata Sethy
 (Nodal officer)



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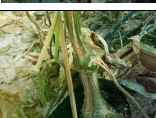





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Bulletin No.-406
Date- 06/06/2023

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	Tomato	Fruting		Bacterial wilt
2	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
				fusarium and phytopthera
				Cercospera leaf spot
3	Cucurbits	Flowering to Fruiting stage		Late blight
				Downy Mildew
				Leaf spot
				Stem Rot
				Fruit rot
4	Mango	Fruiting stage		Fruit borer
				Anthracnose

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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 3mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-41°C** and night temperature will be **27-31°C** for upcoming 5 days. Maximum and minimum relative humidity will be 44-82% and 08-19% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall (mm)	2	1	0	0	1
T-Max (°C)	38	38	40	40	41
T-Min (°C)	28	27	30	31	30
Cloud Cover (octa)	3	5	7	5	7
RH Max (%)	80	82	45	52	44
RH Min (%)	19	17	8	9	11
Wind Speed (kmph)	11	12	13	13	11
Wind Direction (deg)	169	180	338	333	270

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406

Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 1mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June(8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-41°C** and night temperature will be **27-31°C** for upcoming 5 days. Maximum and minimum relative humidity will be 32-76% and 08-21% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	41	41	41
T-Min(°C)	27	27	31	30	30
Cloud Cover(octa)	1	4	7	5	7
RH Max (%)	74	76	32	45	33
RH Min (%)	21	18	8	9	11
Wind Speed (Kmph)	9	11	13	13	10
Wind Direction (deg)	245	180	338	333	304

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 39-41°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 40-82% and 08-20% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	39	39	41	41	41
T-Min(°C)	27	27	30	30	30
Cloud Cover(octa)	2	5	7	6	7
RH Max (%)	80	82	42	50	40
RH Min (%)	20	18	8	10	11
Wind Speed (Kmph)	12	12	15	15	12
Wind Direction (deg)	225	203	338	333	315

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalyxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucutbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406

Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 3mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June(8.30IST)2023

Weather Advisory: Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 38-41°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-82% and 08-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	39	41	41	41
T-Min(°C)	27	27	30	30	30
Cloud Cover(octa)	2	5	7	6	7
RH Max (%)	80	82	43	51	41
RH Min (%)	20	18	8	10	11
Wind Speed (Kmph)	12	12	15	15	12
Wind Direction (deg)	225	203	338	333	315

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

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Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control rot or soil borne fungal disease. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

Cucurbits: Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 1mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June(8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-42°C and night temperature will be 28-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 46-84% and 10-21% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	37	40	41	42
T-Min(°C)	28	28	31	32	31
Cloud Cover	2	4	7	6	7
RH Max (%)	82	84	53	56	46
RH Min (%)	21	21	10	11	11
Wind Speed (Kmph)	15	16	14	14	12
Wind Direction (deg)	214	203	203	203	203

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalyxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 2mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **37-41°C** and night temperature will be **28-32°C** for upcoming 5 days. Maximum and minimum relative humidity will be 45-84% and 08-20% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	37	37	40	40	41
T-Min(°C)	28	28	31	32	31
Cloud Cover(octa)	3	5	7	6	7
RH Max (%)	81	84	51	56	45
RH Min (%)	20	19	8	10	10
Wind Speed (Kmph)	13	15	13	14	11
Wind Direction (deg)	214	195	206	199	203

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
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AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C (1.01°C from normal)** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-43°C** and night temperature will be **28-32°C** for upcoming 5 days. Maximum and minimum relative humidity will be 50-82% and 10-25% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	40	42	43
T-Min(°C)	29	28	31	31	32
Cloud Cover(octa)	2	4	7	5	7
RH Max (%)	82	82	56	60	50
RH Min (%)	24	25	13	13	10
Wind Speed (Kmph)	17	18	16	16	17
Wind Direction (deg)	204	206	203	200	195

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 1mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be and it will be **38-42°C** and night temperature will be **28-31°C** for upcoming 5 days. Maximum and minimum relative humidity will be 44-79% and 09-23% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	40	41	42
T-Min(°C)	28	28	31	31	31
Cloud Cover(octal)	3	5	7	5	7
RH Max (%)	78	79	52	60	44
RH Min (%)	22	23	9	13	11
Wind Speed (Kmph)	15	18	14	14	10
Wind Direction (deg)	206	225	191	199	180

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406

Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 2mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **37-40°C** and night temperature will be **26-31°C** for upcoming 5 days. Maximum and minimum relative humidity will be 24-66% and 09-23% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	37	39	40	40
T-Min(°C)	27	26	31	29	29
Cloud Cover(octa)	2	4	7	4	7
RH Max (%)	66	61	24	34	26
RH Min (%)	23	16	9	10	11
Wind Speed (Kmph)	6	7	11	11	8
Wind Direction (deg)	248	270	335	334	300

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

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 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-45°C** and night temperature will be **28-32°C** for upcoming 5 days. Maximum and minimum relative humidity will be 54-83% and 11-29% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	39	38	41	43	45
T-Min(°C)	29	28	31	31	32
Cloud Cover(octa)	2	4	7	5	7
RH Max (%)	83	82	62	66	54
RH Min (%)	27	29	18	16	11
Wind Speed(Kmph)	18	19	18	17	19
Wind Direction(deg)	204	206	205	203	195

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

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)

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



Bulletin No.-406

Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 1mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-43°C** and night temperature will be **28-32°C** for upcoming 5 days. Maximum and minimum relative humidity will be **45-80%** and **10-23%** 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	40	41	43
T-Min(°C)	28	28	31	31	32
Cloud Cover(octa)	3	5	7	5	7
RH Max (%)	79	80	53	60	45
RH Min (%)	22	23	10	14	11
Wind Speed (Kmph)	16	18	14	14	12
Wind Direction (deg)	203	225	191	199	180

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalyxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 3mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th June(8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-43°C** and night temperature will be **28-32°C** for upcoming 5 days. Maximum and minimum relative humidity will be 45-81% and 10-22% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	40	41	43
T-Min(°C)	28	28	31	31	32
Cloud Cover(octa)	3	5	7	5	7
RH Max (%)	79	81	51	59	45
RH Min (%)	22	22	10	13	11
Wind Speed (Kmph)	15	18	14	14	11
Wind Direction (deg)	206	225	191	199	203

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR



Bulletin No.-406

Date- 06/06/2023

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

The block received average 3mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 40-44°C and night temperature will be 30-33°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-81% and 23-38% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	40	40	41	42	44
T-Min(°C)	30	30	32	32	33
Cloud Cover(octa)	4	5	7	4	7
RH Max (%)	81	81	74	77	56
RH Min (%)	37	38	32	36	23
Wind Speed (Kmph)	20	21	22	17	16
Wind Direction (deg)	204	225	201	197	210

Agromet Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre.

Okra: To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control rot or soil borne fungal disease. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

Cucurbits: Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 4mm and district received average 2mm rainfall during the last week. The mean daily maximum and minimum temperature was **39°C (1.3°C from normal)** and **26°C 1.01°C from normal** respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 11th June (8.30IST)2023

Weather advisory: *Light to very light rainfall/thundershower is forecasted for today, tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-41°C** and night temperature will be **27-31°C** for upcoming 5 days. Maximum and minimum relative humidity will be 39-80% and 08-19% 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	06/06/2023	07/06/2023	08/06/2023	09/06/2023	10/06/2023
Rainfall(mm)	2	1	0	0	1
T-Max(°C)	38	38	41	41	41
T-Min(°C)	27	27	31	30	30
Cloud Cover(octa)	2	5	7	5	7
RH Max (%)	78	80	39	48	39
RH Min (%)	19	16	8	9	11
Wind Speed (Kmph)	10	11	13	13	11
Wind Direction (deg)	240	203	338	333	300

Agro met Advisory

General advisory:

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

SUMMER PLOUGHING: In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalyxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Mango: Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-406
Date- 06/06/2023

				
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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	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	

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