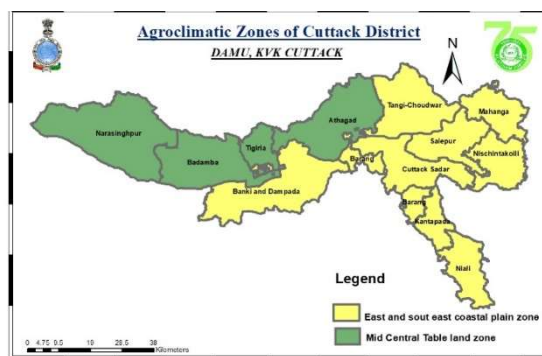
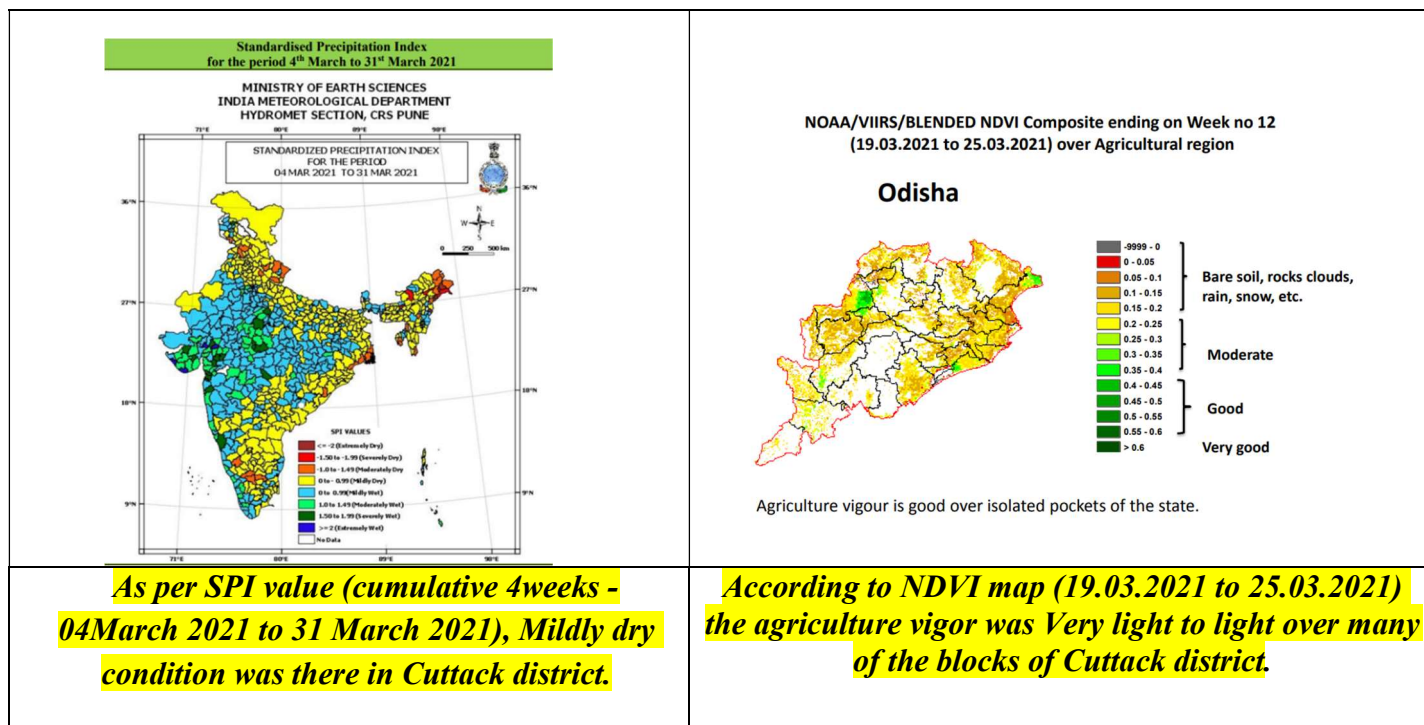


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

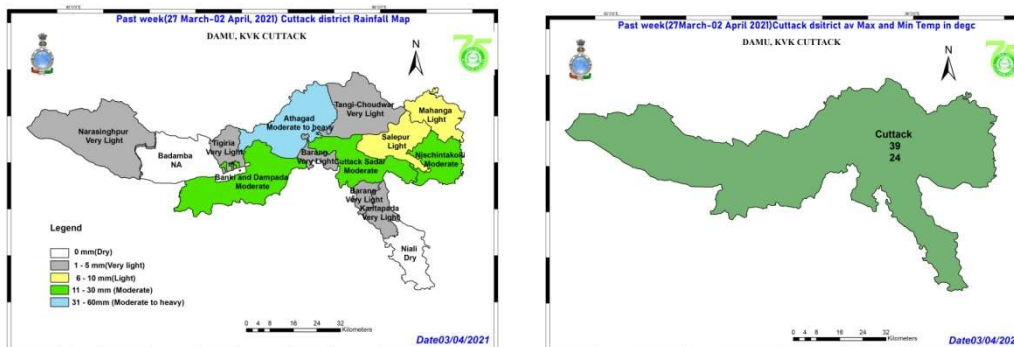


STANDARD PRECIPITATION INDEX AND NDVI MAP

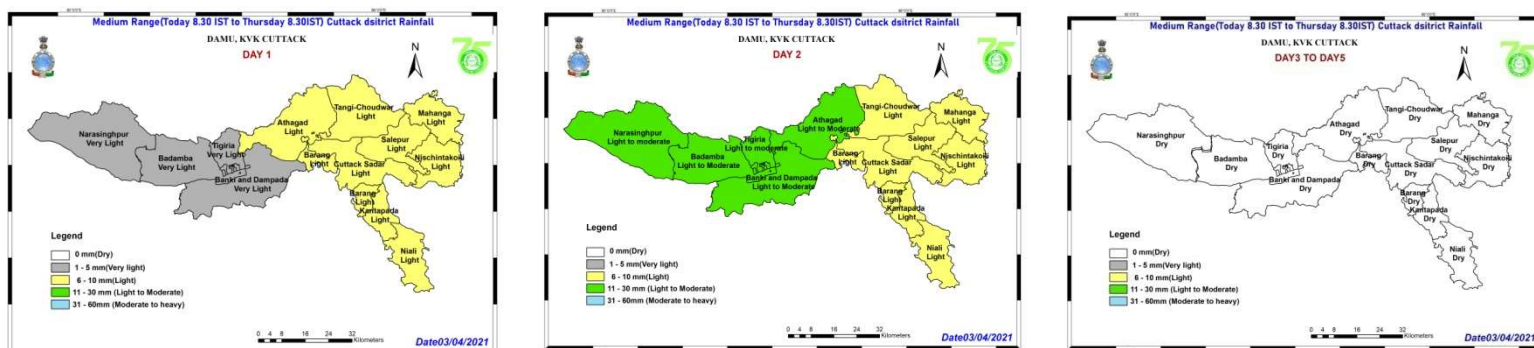


LEGEND (Medium range block level rainfall forecast)	
	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

Past week (27March-02 April 2021) Cuttack district Rainfall and Temperature map



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



Extended range outlook for subsequent 1 week (6th to 12th days)

(07th April to 13th April 2021)

Met Sub division	Departure (%)	Category
Odisha	-83.99	Below Normal

General Agromet Advisory:- As there was mild dry condition in last four weeks at Cuttack district and also there will be below normal rainfall in subsequent week after 5 days (07th April to 13th April 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status. They should stop irrigation activities in upcoming Saturday and Sunday as light to moderate rainfall/thundershower is forecasted in Cuttack district.



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Bulletin No.-181
Date- 03/04/2021

General agromet advisory for forecasted Thunder storm/Lightening condition on today and tomorrow in Cuttack district

- In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.
- If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open.
- Keep animals away from open water, pond or river.
- Keep animals away from tractors and other metal farm equipment.
- Drain out excess water from standing crops.
- Cover the harvested produce (if in the field) with polythene sheet.
- Avoid contact with electrical equipment or cords.
- Keep away contact with anything metal - tractors, farm equipment and bicycles. As metal or other surfaces that conduct electricity.
- Don't allow your animals to congregate under trees. Watch your animals closely and try to keep them under your direct control.



Dr Sujata Sethy
(Nodal officer)













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Debasish Jena
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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	Pulses (Green gram and black gram)	Flowering to pod development		Cercospera Leaf spot
				Leaf blight
				Rust
				Wilting
2	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Red hairy caterpillar
				Collar rot
3	Brinjal	Fruiting		Fruit and shoot borer
				Phomopsis Blight
				Cercospera leaf spot



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				Helicoverpa caterpillar
3	Tomato	Fruting		Bacterial wilt
4	Cucurbits	Flowering to Fruiting stage		Red Pumpkin beetle
				Leaf spot
				Late blight
				Downy Mildew
5	Mango	Flowering to fruiting		Mango fruit drop
				Fruit fly

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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 31 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 32-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-97% and 17-25% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall (mm)	6	12	0	0	0
T-Max (°C)	35	35	32	34	33
T-Min (°C)	25	27	26	26	26
Cloud Cover (octa)	1	2	0	0	0
RH Max (%)	97	82	96	84	84
RH Min (%)	23	23	25	17	18
Wind Speed (kmph)	15	14	15	17	19
Wind Direction (deg)	162	169	167	180	180

Agromet Advisory

General advisory: *Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @ 25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 34-36°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 16-24% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	3	13	0	0	0
T-Max(°C)	36	35	34	35	35
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	95	91	95	80	82
RH Min (%)	22	24	23	16	16
Wind Speed (Kmph)	14	13	14	15	17
Wind Direction (deg)	169	180	159	180	162

Agromet Advisory

General advisory: *Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 17 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-96% and 17-27% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	2	14	0	0	0
T-Max(°C)	35	35	33	34	34
T-Min(°C)	25	26	25	26	25
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	96	90	96	82	83
RH Min (%)	25	25	27	17	18
Wind Speed (Kmph)	15	16	15	17	19
Wind Direction (deg)	180	180	167	180	167

Agromet Advisory

General advisory: *Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC @ 70ml/acre and Thiodicarb @ 250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @ 25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadirachtin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather Advisory: *Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-97% and 17-28% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	2	13	0	0	0
T-Max(°C)	35	35	33	34	33
T-Min(°C)	25	26	25	26	26
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	97	89	96	83	83
RH Min (%)	25	25	28	17	18
Wind Speed (Kmph)	15	16	15	17	19
Wind Direction (deg)	180	193	167	180	167

Agromet Advisory

General advisory: *Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and **Thiodicarb@250g/acre at 15 days interval**. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 04mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: *Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-98% and 18-30% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	6	9	0	0	0
T-Max(°C)	34	34	31	32	32
T-Min(°C)	25	27	26	26	26
Cloud Cover	1	2	0	0	0
RH Max (%)	98	80	97	87	87
RH Min (%)	26	21	30	18	20
Wind Speed (Kmph)	15	16	16	17	19
Wind Direction (deg)	193	197	201	201	201

Agromet Advisory

General advisory: *Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: **Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 19 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.** The day temperature will be 31-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-98% and 17-26% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	7	10	0	0	0
T-Max(°C)	34	34	31	33	32
T-Min(°C)	26	27	26	27	26
Cloud Cover(octa)	1	2	1	0	0
RH Max (%)	98	73	97	87	87
RH Min (%)	23	20	26	17	19
Wind Speed (Kmph)	14	15	15	17	19
Wind Direction (deg)	180	195	180	201	198

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.** The day temperature will be 30-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-98% and 18-35% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	6	7	0	0	0
T-Max(°C)	32	34	30	33	32
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	98	84	97	88	88
RH Min (%)	35	25	34	18	22
Wind Speed (Kmph)	15	16	15	17	19
Wind Direction (deg)	193	200	201	198	201

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 08 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.** The day temperature will be and it will be 32-35°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-98% and 18-27% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	8	8	0	0	0
T-Max(°C)	34	35	32	34	33
T-Min(°C)	25	25	25	25	25
Cloud Cover(octal)	1	2	1	0	0
RH Max (%)	98	66	97	89	90
RH Min (%)	27	19	27	18	21
Wind Speed (Kmph)	14	15	15	16	19
Wind Direction (deg)	193	195	193	193	198

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** 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.

Fruits: **Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @ 25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of **fruit flies**, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 02mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 36-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-94% and 14-19% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	5	12	0	0	0
T-Max(°C)	37	36	36	37	36
T-Min(°C)	22	22	22	21	21
Cloud Cover(/octa)	1	1	0	0	0
RH Max (%)	94	93	94	77	85
RH Min (%)	19	19	18	14	14
Wind Speed (Kmph)	11	9	10	11	13
Wind Direction (deg)	154	197	159	180	167

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @ 25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 21-39% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	7	8	0	0	0
T-Max(°C)	32	34	31	34	33
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	97	88	96	88	88
RH Min (%)	39	33	39	21	26
Wind Speed(Kmph)	14	14	15	17	19
Wind Direction(deg)	193	200	198	201	201

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjariand Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGS-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits; Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-181
 Date- 03/04/2021

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

The block received 23 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-98% and 19-30% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	6	9	0	0	0
T-Max(°C)	34	34	32	33	33
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	98	67	97	90	90
RH Min (%)	29	20	30	19	22
Wind Speed (Kmph)	14	16	15	16	18
Wind Direction (deg)	180	195	193	193	198

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucurbit- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucurbit- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-181
 Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-98% and 19-29% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	6	9	0	0	0
T-Max(°C)	34	34	32	33	33
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	1	2	1	0	0
RH Max (%)	98	68	97	90	90
RH Min (%)	28	20	29	19	22
Wind Speed (Kmph)	14	16	15	16	18
Wind Direction (deg)	180	195	198	198	198

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucurbit- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd- Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucurbit- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR
District Past week weather condition and Block past Rainfall condition

The block received 05 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today (8.30IST) to 08th April (8.30IST) 2021

Weather advisory: Light rainfall/Thundershower is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 35-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-95% and 33-50% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	6	9	0	0	0
T-Max(°C)	35	36	35	36	36
T-Min(°C)	25	25	25	25	26
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	95	77	94	85	87
RH Min (%)	49	44	50	33	35
Wind Speed (Kmph)	16	13	17	18	20
Wind Direction (deg)	165	205	161	201	203

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Today (Saturday) and Sunday. Provide temporary shed to the vegetable nursery as rainfall is expected during next 2 days. As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

Rabi-Groundnut: Harvest matured groundnut before thundershower and make their safe storage.

Mustard: The crops are now approaching the maturity stage. Harvest the crops before thundershower when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurring in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease 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.

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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(Nodal officer)



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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com



Bulletin No.-181
Date- 03/04/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 05 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 24°C, respectively. Mean relative humidity of the district was around 80-61%.

Forecasted period: Today(8.30IST) to 08th April (8.30IST)2021

Weatheradvisory: Very light rainfall/Thundershower is forecasted for today and light to moderate rainfall is forecasted for tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 33-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-97% and 16-24% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/04/2021	05/04/2021	06/04/2021	07/04/2021	08/04/2021
Rainfall(mm)	3	12	0	0	0
T-Max(°C)	36	36	33	35	34
T-Min(°C)	25	26	25	26	25
Cloud Cover(octa)	1	2	1	0	0
RH Max (%)	97	86	95	81	83
RH Min (%)	22	24	24	16	17
Wind Speed (Kmph)	15	13	14	16	18
Wind Direction (deg)	161	167	159	180	162

Agromet Advisory

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Bulletin No.-181
 Date- 03/04/2021

			
MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS

- 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://imdagrimet.gov.in/imdproject/AGIndex.php	

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