



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
 Indira Gandhi Krishi Vishwavidyalaya  
 Raipur



## Agromet Advisory Bulletin

Date : 03-04-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-04	2023-04-05	2023-04-06	2023-04-07	2023-04-08
Rainfall(mm)	0.0	0.0	0.0	0.0	3.0
Tmax(°C)	37.0	37.0	37.0	38.0	37.0
Tmin(°C)	21.0	21.0	22.0	22.0	21.0
RH-I(%)	70	70	70	60	60
RH-II(%)	25	25	20	20	25
Wind Speed(kmph)	5.0	6.0	4.0	5.0	6.0
Wind Direction(Degree)	248	243	214	202	214
Cloud Cover(Octa)	2	2	0	3	7

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 3.0 mm of rainfall. Cloud amount will be 0-87.5%. Maximum temperature will vary between 38.0 0 C and Minimum temperature will vary between 21.0-22.0 0 C. Relative humidity will vary 20-70%. Wind speed will be about 6.0 kmph and wind direction will be Westerly.

### General Advisory:

To receive Agromet Advisory, farmers are requested to download and register themselves in the app. Link - (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

### SMS Advisory:

Farmers are advised that don't spray the Insecticide & fungicide in the crops due to rain in the days to come. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Wheat crop is in maturity stage hence harvest the crop and dried it up to 12% moisture content and stored along with dried neem leaves.
RICE	In summer rice attack of steam borer has been noticed. Apply chlorophyrphos 1.5 ml/litre of water.
RICE	Summer paddy is transplanted. Farmers are advised to spray Rynexpyr (Fertera) @ 10 kg/ha. or Kartap @ 20 kg/ha for the control of stem borer attack.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BOTTLE GOURD	In cucurbitaceous family crops like bottle gourd, pumpkin, ridge gourd, and snake gourd for control of powdery mildew diseases spray karathen 1 gm/liter of water.
TOMATO	Bacterial wilt are observed in tomato field, to control this disease farmers are advised to spray copper oxychloride @ 3g per litre of water near the roots.
GUAVA	To plant fruit trees, farmers are advised to dig a pit and leave it during April and May months and plant it after rainfall.
OKRA/ LADYFINGER	In Okra, farmers are advised to provide the soil application of 50 Kg fresh cow dung slurry @ 1 Kg per 10 litres of water after 10 – 15 days of sowing.
CHILLI	Infestation of Leaf curl virus in chili is seen in the fields of farmers, to overcome from the incidence of this disease spraying of imidacloprid @ 0.5 ml per litre water or Acetamiprid 20% SP @1.0 gm per litre water are advised to the farmers.

#### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	In view of rising temperature, farmers are advised to provide clean and cold water for animals.

#### Others (Soil / Land Preparation) Specific Advisory:

<b>Others (Soil / Land Preparation) (Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
GENERAL ADVICE	In all fallow field deep summer ploughing should be done with the help of mould board plough for prevention of insect, pathogen and weeds.
GENERAL ADVICE	To prevent from Lightning and thunder, farmers are requested to download Damini app from Google play store. This app will give forecast regarding the lightning and thunder of 40 KM area before 30 minutes of happening.



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## Agromet Advisory Bulletin

Date : 06-04-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-07	2023-04-08	2023-04-09	2023-04-10	2023-04-11
Rainfall(mm)	1.0	0.0	4.0	2.0	0.0
Tmax(°C)	37.0	37.0	36.0	34.0	36.0
Tmin(°C)	22.0	23.0	22.0	23.0	23.0
RH-I(%)	65	65	60	65	60
RH-II(%)	25	25	25	25	25
Wind Speed(kmph)	5.0	4.0	3.0	4.0	3.0
Wind Direction(Degree)	289	158	243	248	281
Cloud Cover(Octa)	4	5	5	3	3

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 4.0 mm of rainfall. Cloud amount will be 37.5-62.5%. Maximum temperature will vary between 36.0 0 C and Minimum temperature will vary between 22.0-23.0 0 C. Relative humidity will vary 25-65%. Wind speed will be about 5.0 kmph and wind direction will be North-Westerly.

### General Advisory:

Farmers are advised to start harvesting the wheat crop carefully keeping in view the possibility of light rains in the coming days. Make proper arrangements for drainage, as well as if the crop has been harvested, keep it in a safe place.

### SMS Advisory:

Farmers are advised to Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Summer paddy is transplanted. Farmers are advised to spray Rynexpyr (Fertera) @ 10 kg/ha. or Kartap @ 20 kg/ha for the control of stem borer attack.
RICE	In summer rice attack of steam borer has been noticed. Apply chlorophyrphos 1.5 ml/litre of water.
WHEAT	Wheat crop is in maturity stage hence harvest the crop and dried it up to 12% moisture content and stored along with dried neem leaves.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BOTTLE GOURD	In cucurbitaceous family crops like bottle gourd, pumpkin, ridge gourd, and snake gourd for control of powdery mildew diseases spray karathen 1 gm/liter of water.
TOMATO	Bacterial wilt are observed in tomato field, to control this disease farmers are advised to spray copper oxychloride @ 3g per litre of water near the roots.
GUAVA	To plant fruit trees, farmers are advised to dig a pit and leave it during April and May months and plant it after rainfall.
OKRA/ LADYFINGER	In Okra, farmers are advised to provide the soil application of 50 Kg fresh cow dung slurry @ 1 Kg per 10 litres of water after 10 – 15 days of sowing.
CHILLI	Infestation of Leaf curl virus in chili is seen in the fields of farmers, to overcome from the incidence of this disease spraying of imidacloprid @ 0.5 ml per litre water or Acetamiprid 20% SP @1.0 gm per litre water are advised to the farmers.

#### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	In view of rising temperature, farmers are advised to provide clean and cold water for animals.
COW	Clean and cold drinking water should be made available in the cattleshed. If there is some water to be placed outside cattleshed, it should be kept in a shady place.

#### Others (Soil / Land Preparation) Specific Advisory:

<b>Others (Soil / Land Preparation) (Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
GENERAL ADVICE	In all fallow field deep summer ploughing should be done with the help of mould board plough for prevention of insect, pathogen and weeds.
GENERAL ADVICE	To prevent from Lightning and thunder, farmers are requested to download Damini app from Google play store. This app will give forecast regarding the lightning and thunder of 40 KM area before 30 minutes of happening.
GENERAL ADVICE	Proper support should be provided to the vine vegetables and fertilizer should be given to the gourd crops.



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## Agromet Advisory Bulletin

Date : 11-04-2023

**Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-11(Valid Till 08:30 IST of the next 5 days)**

Parameter	2023-04-12	2023-04-13	2023-04-14	2023-04-15	2023-04-16
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	38.0	39.0	40.0	40.0	39.0
Tmin(°C)	25.0	25.0	26.0	26.0	27.0
RH-I(%)	63	62	58	55	55
RH-II(%)	23	22	20	20	18
Wind Speed(kmph)	5	5	5	5	6
Wind Direction(Degree)	68	0	135	165	248
Cloud Cover(Octa)	0	1	1	3	7

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 0.0 mm of rainfall. Cloud amount will be 0-87.5%. Maximum temperature will vary between 40.0 0 C and Minimum temperature will vary between 25.0-27.0 0 C. Relative humidity will vary 18-63%. Wind speed will be about 6.0 kmph and wind direction will be South-Westerly.

### General Advisory:

Farmers are advised to monitor the paddy crop keeping in view the possibility of light rains in the coming days. In case of pest infestation, spray the above insecticide when the weather is clear.

### SMS Advisory:

Farmers are advised to sow summer crops. After this, if there is not enough moisture in the soil for germination of the seeds light irrigation should be applied. Krishi Vigyan Kendra, Mahasamund C.G.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer paddy farmers are advised to fix pheromone traps and light trap nearby the field for the control of stem borer. Spray Rynexpyr @ 150 gram/ha. or Fipronil 5 S.C. 1 litre for the control of stem borer attack. (Botting Stage)
GREEN GRAM	Seed rate for summer green gram crop is 25-30 kg. per ha. Before sowing the seed should be treated with Trichoderma, Rhizobium culture and PSB. Treat seed at the rate of 5-10 g of culture per kg of seed.
BLACK GRAM	Seed rate for summer black gram crop is 15-20 kg. per ha. Before sowing the seed should be treated with Trichoderma, Rhizobium culture and PSB. Treat seed at the rate of 5-10 g of culture per kg of seed.
SESAME (GINGELLY/TIL)	Summer sesame crop seed rate is 5-7 kg. per ha. Hexaconazole dose should be kept @ 1 ml per kg seed before sowing. per kg. This is followed by Azospirillum and PSB.

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
	Culture 5-10 gm per kg. Treat the seed accordingly and sow it.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
CHILLI	Farmers are advised that keeping in view the possibility of light rains in the coming days, there is a possibility of aphid outbreak in summer vegetable crops. For this, keep a constant watch and spray neem based insecticides on observation of the initial outbreak.
OKRA/ LADYFINGER	Interculture operation should be done in the February sown crops like okra, cowpea and cluster bean crops immediately.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
GOAT	Arrange windows for fresh air in poultry shed and animal shed.
COW	Clean and cold drinking water should be made available in the cattle shed. If there is some water to be placed outside cattle shed, it should be kept in a shady place.



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## Agromet Advisory Bulletin

Date : 13-04-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-14	2023-04-15	2023-04-16	2023-04-17	2023-04-18
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	40.0	41.0	41.0	42.0	41.0
Tmin(°C)	22.0	22.0	23.0	23.0	22.0
RH-I(%)	62	60	62	65	70
RH-II(%)	18	15	18	20	25
Wind Speed(kmph)	4	4	4	5	4
Wind Direction(Degree)	292	285	180	116	118
Cloud Cover(Octa)	1	3	4	4	4

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 0.0 mm of rainfall. Cloud amount will be 12.5-50%. Maximum temperature will vary between 42.0 0 C and Minimum temperature will vary between 22.0-23.0 0 C. Relative humidity will vary 18-70%. Wind speed will be about 5.0 kmph and wind direction will be North-Westerly.

### General Advisory:

Evaporation rates have increased during past week (5-8 mm/day) and thereby the water requirement of rabi crops like rice, groundnut, vegetables have also increased. Therefore, it is advised to reduce the interval between two irrigations to maintain proper soil-moisture and micro-climate within the crop canopy to minimise the adverse effects of higher temperature or thermal stress.

### SMS Advisory:

Farmers are advised that in view of the possibility of light to moderate cloudy weather in coming days, thrips insects should be monitored. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer paddy farmers are advised to fix pheromone traps and light trap nearby the field for the control of stem borer. Spray Rynexpyr @ 150 gram/ha. or Fipronil 5 S.C. 1 litre for the control of stem borer attack. (Botting Stage)
GREEN GRAM	Seed rate for summer green gram crop is 25-30 kg. per ha. Before sowing the seed should be treated with Trichoderma, Rhizobium culture and PSB. Treat seed at the rate of 5-10 g of culture per kg of seed.
BLACK GRAM	Seed rate for summer black gram crop is 15-20 kg. per ha. Before sowing the seed should be treated with Trichoderma, Rhizobium culture and PSB. Treat seed at the rate of 5-10 g of culture per kg of seed.

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
SESAME (GINGELLY/TIL)	Summer sesame crop seed rate is 5-7 kg. per ha. Hexaconazole dose should be kept @ 1 ml per kg seed before sowing, per kg. This is followed by Azospirillum and PSB. Culture 5-10 gm per kg. Treat the seed accordingly and sow it.

#### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
CHILLI	Farmers are advised that keeping in view the possibility of light rains in the coming days, there is a possibility of aphid outbreak in summer vegetable crops. For this, keep a constant watch and spray neem based insecticides on observation of the initial outbreak.
OKRA/ LADYFINGER	Interculture operation should be done in the February sown crops like okra, cowpea and cluster bean crops immediately.

#### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
GOAT	Arrange windows for fresh air in poultry shed and animal shed.
COW	Clean and cold drinking water should be made available in the cattleshed. If there is some water to be placed outside cattleshed, it should be kept in a shady place.





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## Agromet Advisory Bulletin

Date : 18-04-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-19	2023-04-20	2023-04-21	2023-04-22	2023-04-23
Rainfall(mm)	0.0	0.0	4.0	1.0	4.0
Tmax(°C)	44.0	43.0	42.0	41.0	40.0
Tmin(°C)	24.0	24.0	23.0	22.0	23.0
RH-I(%)	50	50	50	55	60
RH-II(%)	15	15	15	20	20
Wind Speed(kmph)	4	4	6	6	6
Wind Direction(Degree)	292	270	292	210	292
Cloud Cover(Octa)	1	2	5	4	6

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 4.0 mm of rainfall. Cloud amount will be 12.5-75%. Maximum temperature will vary between 43.0 0 C and Minimum temperature will vary between 23.0-24.0 0 C. Relative humidity will vary 15-60%. Wind speed will be about 6.0 kmph and wind direction will be North-Westerly.

### General Advisory:

To receive Agromet Advisory, farmers are requested to download and register themselves in the app. Link - (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

### SMS Advisory:

Farmers should get their field tested in the present time, for this work they are advised to contact the officers of Department of Agriculture or Krishi Vigyan Kendra.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer rice irrigate the field and before panicle initiation fertilizer urea last does should be applied.
RICE	In the coming Kharif season, do deep ploughing with the soil turning plough to get the good yield of rice. Do deep ploughing 1 time at an interval of 3 years.
RICE	In summer rice attack of steam borer has been noticed. Apply chlorophyriphos @ 1.5 ml/litre of water.
LITTLE MILLET (KUTKI)	Top dressing of 2.50 kg per acre of Nitrogen by light hoeing in summer ragi crop and Fipronil 5 SC to prevent pink stem borer attack. Dissolve 2 ml/liter of water and spray immediately.
GREEN GRAM	Summer is a favorable time for sowing of moong, so farmers are advised to complete the sowing of moong as soon as possible after harvesting wheat/gram in irrigated areas.

**Horticulture Specific Advisory:**

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BRINJAL	Farmers interested in cultivation of brinjal can start field preparation and sowing of nursery for brinjal seedlings. Apply 10 kg FYM and 1 kg neem cake in nursery. Farmers should treat seeds with proper bio agents such as trichoderma viridi for better germination.
TOMATO	Bacterial wilt are observed in tomato field, to control this disease farmers are advised to spray copper oxychloride @ 3g per litre of water near the roots.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	In view of rising temperature, farmers are advised to provide clean and cold water for animals.
COW	Clean and cold drinking water should be made available in the cattleshed. If there is some water to be placed outside cattleshed, it should be kept in a shady place.



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## Agromet Advisory Bulletin

Date : 21-04-2023

**Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-21(Valid Till 08:30 IST of the next 5 days)**

Parameter	2023-04-22	2023-04-23	2023-04-24	2023-04-25	2023-04-26
Rainfall(mm)	3.0	6.0	1.0	7.0	5.0
Tmax(°C)	38.0	38.0	38.0	39.0	39.0
Tmin(°C)	22.0	21.0	22.0	22.0	22.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	25	25	25	25
Wind Speed(kmph)	6	6	6	4	5
Wind Direction(Degree)	216	236	161	251	210
Cloud Cover(Octa)	3	5	1	6	6

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 7.0 mm of rainfall. Cloud amount will be 12.5-75%. Maximum temperature will vary between 39.0 0 C and Minimum temperature will vary between 21.0-22.0 0 C. Relative humidity will vary 25-70%. Wind speed will be about 6.0 kmph and wind direction will be South-Westerly.

### General Advisory:

Farmers are advised that due to the possibility of moderate cloudiness and light rain forecasted in coming days, outbreak of stem borer may increase in summer rice crop. Hence, it should be constantly monitored and irrigation should be done as per need.

### SMS Advisory:

Looking into increasing temperature farmers are advised to keep their animals in shade and give regularly water to them. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer rice irrigate the field and before panicle initiation fertilizer urea last does should be applied.
RICE	In the coming Kharif season, do deep ploughing with the soil turning plough to get the good yield of rice. Do deep ploughing 1 time at an interval of 3 years.
RICE	In summer rice attack of steam borer has been noticed. Apply chlorophyriphos @ 1.5 ml/litre of water.
KODO MILLET	Top dressing of 2.50 kg per acre of Nitrogen by light hoeing in summer ragi crop and Fipronil 5 SC to prevent pink stem borer attack. Dissolve 2 ml/liter of water and spray immediately.

<b>Crop(Varieties)</b>	<b>Crop Specific Advisory</b>
GREEN GRAM	Summer is a favorable time for sowing of moong, so farmers are advised to complete the sowing of moong as soon as possible after harvesting wheat/gram in irrigated areas.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BRINJAL	Farmers interested in cultivation of brinjal can start field preparation and sowing of nursery for brinjal seedlings. Apply 10 kg FYM and 1 kg neem cake in nursery. Farmers should treat seeds with proper bio agents such as trichoderma viridi for better germination.
TOMATO	Bacterial wilt are observed in tomato field, to control this disease farmers are advised to spray copper oxychloride @ 3g per litre of water near the roots.
MANGO	Orchard interested farmers should prepare the pits of the size 1x1x1 meter and should prepare the fields after proper solar solarization. Appropriate varieties of fruits should be chosen and plantation should be done accordingly.
PAPAYA	This is the right time for papaya plantation. These should be planted in the polybags so that these can be planted in the main fields on the onset of monsoon. The appropriate varieties for papaya are Pusa Nanha, Pusa Dwarf.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
GOAT	Do not graze animal after 10 am and before 3pm in open place.
COW	In view of rising temperature, farmers are advised to provide clean and cold water for animals.
COW	Clean and cold drinking water should be made available in the cattleshed. If there is some water to be placed outside cattleshed, it should be kept in a shady place.



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## Agromet Advisory Bulletin

Date : 25-04-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-26	2023-04-27	2023-04-28	2023-04-29	2023-04-30
Rainfall(mm)	0.0	5.0	12.0	0.0	4.0
Tmax(°C)	37.0	38.0	37.0	38.0	38.0
Tmin(°C)	24.0	25.0	26.0	25.0	25.0
RH-I(%)	73	82	82	73	75
RH-II(%)	29	32	29	24	28
Wind Speed(kmph)	5	6	6	5	6
Wind Direction(Degree)	191	208	161	248	292
Cloud Cover(Octa)	5	6	6	5	6

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 12.0 mm of rainfall. Cloud amount will be 62.5-75%. Maximum temperature will vary between 38.0 0 C and Minimum temperature will vary between 24.0-25.0 0 C. Relative humidity will vary 28-82%. Wind speed will be about 6.0 kmph and wind direction will be North-Westerly.

### General Advisory:

To receive Agromet Advisory, farmers are requested to download and register themselves in the app. Link - (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

### SMS Advisory:

In the coming days, they in possibility of rainfall so don't spray Insecticide in this days. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	In the coming Kharif season, do deep ploughing with the soil turning plough to get the good yield of rice. Do deep ploughing 1 time at an interval of 3 years.
GENERAL ADVICE	In summer rice irrigate the field and before panicle initiation fertilizer urea last does should be applied.
SOIL TESTING	Farmers should get their field tested in the present time, for this work they are advised to contact the officers of Department of Agriculture or Krishi Vigyan Kendra.
GENERAL ADVICE	Farmers are advised to go for harvesting of oilseed and pulses crop followed by threshing. There should be only 8-10% moisture in the grains, therefore seeds should be sundried.

<b>Others (Soil / Land Preparation)(Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
PLANT PROTECTION	To Control the Anthracnose disease of mango, Copper oxychloride fungicide @ 2gm per liter water should be applied.
GENERAL ADVICE	In water melon crop if cracks are visible than try to give irrigation on regular interval and foliar spray of boron.
GENERAL ADVICE	For lady finger yellowing in early stage is notice. If yellowing is in limited plant than remove the plant and burn them. Further, for severe infestation spray dimethoyate 30 E.C. @ 1.5 m.lit/lit in morning or evening hours.
GENERAL ADVICE	In view of rising temperature, farmers are advised to provide clean and cold water for animals.



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## Agromet Advisory Bulletin

Date : 28-04-2023

**Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-04-28(Valid Till 08:30 IST of the next 5 days)**

Parameter	2023-04-29	2023-04-30	2023-05-01	2023-05-02	2023-05-03
<b>Rainfall(mm)</b>	2.0	2.0	3.0	4.0	5.0
<b>Tmax(°C)</b>	34.0	34.0	35.0	35.0	36.0
<b>Tmin(°C)</b>	23.0	23.0	24.0	24.0	24.0
<b>RH-I(%)</b>	83	83	88	88	88
<b>RH-II(%)</b>	35	35	38	38	38
<b>Wind Speed(kmph)</b>	7	6	7	6	6
<b>Wind Direction(Degree)</b>	270	285	210	202	315
<b>Cloud Cover(Octa)</b>	6	7	7	6	5

### Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 5.0 mm of rainfall. Cloud amount will be 62.5-87.5%. Maximum temperature will vary between 36.0 0 C and Minimum temperature will vary between 23.0-24.0 0 C. Relative humidity will vary 35-88%. Wind speed will be about 7.0 kmph and wind direction will be North-Westerly.

### General Advisory:

Farmers are advised that due to the possibility of moderate to dense cloudiness and light rain forecasted in coming days, outbreak of stem borer may increase in summer rice crop. Hence, it should be constantly monitored and irrigation should be done as per need.

### SMS Advisory:

Proper support should be provided to the vine vegetables and fertilizer should be given to the gourd crops. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Farmers are advised to go for harvesting of oilseed and pulses crop followed by threshing. There should be only 8-10% moisture in the grains, therefore seeds should be sundried.
MAIZE	In maize crop to control of leaf blast disease spray metalyxal @ 2gm/litter of water.
MAIZE	Farmers are advised to sow the recommended varieties of maize for the purpose of corn.
RICE	In summer paddy farmers are advised to control of stem borer.spray Rynexpyr 20% SC @ 150 gram/ha. or Fipronil 5% SC @ 1 litre/ha for the control of stem borer attack.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
PAPAYA	This is the right time for papaya plantation. These should be planted in the polybags so that these can be planted in the main fields on the onset of monsoon. The appropriate varieties for papaya are Pusa Nanha, Pusa Dwarf.
MANGO	To Control the Anthracnose disease of mango, Copper oxychloride fungicide @ 2gm per liter water should be applied.
OKRA/ LADYFINGER	For lady finger yellowing in early stage is notice. If yellowing is in limited plant than remove the plant and burn them. Further, for severe infestation spray dimethoyate 30 E.C. @ 1.5 m.lit/lit in morning or evening hours.
SWEET POTATO	Farmers are advised to start the planting of summer sweet potato immediately.

**Others (Soil / Land Preparation) Specific Advisory:**

<b>Others (Soil / Land Preparation) (Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
SOIL TESTING	Farmers should get their field tested in the present time, for this work they are advised to contact the officers of Department of Agriculture or Krishi Vigyan Kendra.
GENERAL ADVICE	Meghdoot- To receive Agromet Advisory, farmers are requested to download and register themselves in the app. Link - ( <a href="https://play.google.com/store/apps/details?id=com.aas.meghdoot">https://play.google.com/store/apps/details?id=com.aas.meghdoot</a> )
GENERAL ADVICE	To prevent from Lightning and thunder, farmers are requested to download Damini app from Google play store. This app will give forecast regarding the lightning and thunder of 40 KM area before 30 minutes of happening.