



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



Agromet Advisory Bulletin

Date : 02-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-03	2023-05-04	2023-05-05	2023-05-06	2023-05-07
Rainfall(mm)	5.0	0.0	1.0	6.0	1.0
Tmax(°C)	33.0	34.0	34.0	35.0	36.0
Tmin(°C)	21.0	21.0	22.0	22.0	22.0
RH-I(%)	80	75	75	75	75
RH-II(%)	34	39	23	25	25
Wind Speed(kmph)	4	3	4	6	5
Wind Direction(Degree)	243	225	248	248	105
Cloud Cover(Octa)	5	5	3	3	4

Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 6.0 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 21.0-22.0 0 C. Relative humidity will vary 25-80%. Wind speed will be about 6.0 kmph and wind direction will be Westerly.

General Advisory:

Due to the possibility of light to moderate cloudiness and light rain forecasted in coming days, farmers are advised that outbreak of stem borer may increase in summer rice crop. Hence, it should be constantly monitored the field and use insecticide when weather will be clear to prevent the outbreak of stem borer.

SMS Advisory:

Due to the possibility of light to moderate cloudiness and light rain forecasted in coming days, farmers are advised to avoid intercultural operation. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer paddy farmers are advised to control stem borer. Spray Rynexpyr 20% SC @ 150 gram/ha. or Fipronil 5% SC @ 1 litre/ha for the control of stem borer attack. (Flowering Stage)
GREEN GRAM	Summer black gram and green gram crop control should be done after Intercultural operation in 20-25 days of timely sown pulse crop. (Vegetative stage)
SESAME (GINGELLY/TIL)	Summer sesamum crops weed control should be done after intercultural operation in 15-20 days of timely sown Oil seed crop. (Vegetative Stage)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Due to the possibility of light rains in the coming days, farmers are advised to avoid the spray of insecticide in summer vegetable crops.
BOTTLE GOURD	Due to the possibility of light rains in the coming days, farmers are advised to avoid fertilizer application gourd crops. Proper support should be provided to the vine.
SWEET POTATO	Planting of summer sweet potato should be done after the clear weather .
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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.
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 - (https://play.google.com/store/apps/details?id=com.aas.meghdoot)
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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Date : 09-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-10	2023-05-11	2023-05-12	2023-05-13	2023-05-14
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	41.0	42.0	41.0	41.0	41.0
Tmin(°C)	26.0	25.0	26.0	26.0	26.0
RH-I(%)	60	50	50	50	50
RH-II(%)	20	15	15	15	15
Wind Speed(kmph)	5	6	5	5	5
Wind Direction(Degree)	257	63	112	108	68
Cloud Cover(Octa)	4	4	5	5	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 50-62.5%. Maximum temperature will vary between 42.0 0 C and Minimum temperature will vary between 25.0-26.0 0 C. Relative humidity will vary 15-60%. Wind speed will be about 6.0 kmph and wind direction will be Westerly.

General Advisory:

Meghdoot- 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:

Animals must be fed 50-60 grams of salt mixed with water. 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 summer paddy farmers are advised to control stem borer. Spray Rynexpyr 20% SC @ 150 gram/ha. or Fipronil 5% SC @ 1 litre/ha for the control of stem borer attack. (Flowering Stage)
GENERAL ADVICE	Summer black gram and green gram crop control should be done after Intercultural operation in 20-25 days of timely sown pulse crop. (Vegetative stage)
GENERAL ADVICE	Summer sesamum crops weed control should be done after intercultural operation in 15-20 days of timely sown Oil seed crop. (Vegetative Stage)
GENERAL ADVICE	Due to the possibility of light rains in the coming days, farmers are advised to avoid the spray of insecticide in summer vegetable crops.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	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.
GENERAL ADVICE	Due to the possibility of light rains in the coming days, farmers are advised to avoid fertilizer application gourd crops. Proper support should be provided to the vine.
GENERAL ADVICE	Planting of summer sweet potato should be done after the clear weather .
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.
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 - (https://play.google.com/store/apps/details?id=com.aas.meghdoot)
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	Animals must be fed 50-60 grams of salt mixed with water.



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Date : 12-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-13	2023-05-14	2023-05-15	2023-05-16	2023-05-17
Rainfall(mm)	0.0	0.0	0.0	1.0	3.0
Tmax(°C)	41.0	42.0	43.0	43.0	43.0
Tmin(°C)	22.0	23.0	25.0	25.0	26.0
RH-I(%)	40	40	40	50	60
RH-II(%)	15	10	10	15	20
Wind Speed(kmph)	3	5	8	8	6
Wind Direction(Degree)	202	243	326	292	294
Cloud Cover(Octa)	8	8	6	5	5

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 62.5-100%. Maximum temperature will vary between 43.0 0 C and Minimum temperature will vary between 22.0-26.0 0 C. Relative humidity will vary 10-60%. Wind speed will be about 8.0 kmph and wind direction will be North-Westerly.

General Advisory:

Looking into the forecast of rainless situation, farmers are advised to do digging of matured groundnut crop accordingly.

SMS Advisory:

The farmers are advised that they should arrange the seeds of high yielding variety of kharif crops for which will be sown. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Irrigate summer rice as per need for milking stage. (Milking Stage)
GREEN GRAM	Irrigate as per need during flowering and pod formation stage in summer black gram and green gram crops. (Flowering and pod formation stage)
SESAME (GINGELLY/TIL)	Irrigate as per need during flowering and pod formation stage in summer sesamum crops. (Flowering and pod formation stage)
GROUNDNUT	Digging of matured summer groundnut crop. (Maturity Stage)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LEMON	Water requirement of citrus is high in these days, therefore should be irrigated on daily basis.
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If animal suffering from heat stroke it is advised to move the animal in shady place and whole body mop should be done frequently with wet cloth.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	If chicks are being brought from hatchery then electrol powder should be given mixed with drinking water (@ 1- 2 gram per litre). In case of large chickens, electrol drinking water should be given to the chickens during hot hours.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Deep ploughing of the field should be done and covered with polythene. This will prevent crops from soil borne diseases, weeds and insect eggs will be destroyed in the soil.
AGRIL ENGINEERING	The agricultural equipments to be used for kharif season works should be kept in the good maintenance condition.



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Date : 16-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-17	2023-05-18	2023-05-19	2023-05-20	2023-05-21
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	43.0	42.0	42.0	42.0	43.0
Tmin(°C)	28.0	27.0	27.0	27.0	28.0
RH-I(%)	55	55	55	55	55
RH-II(%)	15	15	15	15	15
Wind Speed(kmph)	6	5	7	7	6
Wind Direction(Degree)	281	207	283	270	279
Cloud Cover(Octa)	4	2	3	2	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 25-50%. Maximum temperature will vary between 43.0 0 C and Minimum temperature will vary between 27.0-28.0 0 C. Relative humidity will vary 15-55%. Wind speed will be about 7.0 kmph and wind direction will be North-Westerly.

General Advisory:

Looking to the forecast of maximum temperature summer vegetables crops require irrigation management. Farmers are advised to harvest the marketable vegetables and send to market soon so that desiccation of vegetables due to high temperature and dry wind may not occur.

SMS Advisory:

The farmers are advised that they should arrange the seeds of high yielding variety of kharif crops for which will be sown. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Summer black gram and green gram crop control should be done after Intercultural operation in 20-25 days of timely sown pulse crop.
GREEN GRAM	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.
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.
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	For lady finger yellowing in early stage is notice. If yellowing is in limited port 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.
CAULIFLOWER	Interested farmers can sow nursery of cauliflower until first fortnight of May.
TOMATO	For control of wilt diseases of tomato, chilli, brinjal and solanaceous family of vegetable to apply biofungicide, trichoderma @ 300-400g and pseudomonas @ 150-200g/ha with well decomposed farm yard manure near the root of plant in soil.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If animal suffering from heat stroke it is advised to move the animal in shady place and whole body mop should be done frequently with wet cloth.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	If chicks are being brought from hatchery then electrol powder should be given mixed with drinking water (@ 1- 2 gram per litre). In case of large chickens, electrol drinking water should be given to the chickens during hot hours.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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.
PLANT PROTECTION	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.
GENERAL ADVICE	Farmers are advised that sowing of fodder crops like gwar, maize, bajra and cluster bean may be done during this week. Adequate moisture should be maintained for maximum germination of seeds. Sowing should be done at a depth of 3-4 cm and at row to row spacing of 25-30 cm.



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Date : 19-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-20	2023-05-21	2023-05-22	2023-05-23	2023-05-24
Rainfall(mm)	0.8	1.0	0.5	0.0	0.0
Tmax(°C)	42.0	43.0	44.0	44.0	43.0
Tmin(°C)	28.0	28.0	28.0	28.0	28.0
RH-I(%)	63	60	62	72	68
RH-II(%)	24	23	23	28	25
Wind Speed(kmph)	6	8	8	9	8
Wind Direction(Degree)	259	238	255	270	270
Cloud Cover(Octa)	4	2	3	3	3

Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 1.0 mm of rainfall. Cloud amount will be 25-50%. Maximum temperature will vary between 44.0 0 C and Minimum temperature will vary between 28.0 0 C. Relative humidity will vary 23-72%. Wind speed will be about 9.0 kmph and wind direction will be Westerly.

General Advisory:

Looking to the forecast of maximum temperature summer vegetables crops require irrigation management. Farmers are advised to harvest the marketable vegetables and send to market soon so that desiccation of vegetables due to high temperature and dry wind may not occur.

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. Krishi Vigyan Kendra Mahasamund.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Irrigate as per need during flowering and pod formation stage in summer black gram and green gram crops.
SESAME (GINGELLY/TIL)	Irrigate as per need during flowering and pod formation stage in summer sesamum crops.
GROUNDNUT	Digging of matured summer groundnut crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Banana leaves may dessicate due to heat waves. Therefore farmers are advised to cut the dried and yellowish leaves so that transpiration rate will decrease.
LEMON	Water requirement of citrus is high in these days, therefore should be irrigated on daily basis.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If animal suffering from heat stroke it is advised to move the animal in shady place and whole body mop should be done frequently with wet cloth.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	If chicks are being brought from hatchery then electrol powder should be given mixed with drinking water (@ 1- 2 gram per litre). In case of large chickens, electrol drinking water should be given to the chickens during hot hours.



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Date : 23-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-24	2023-05-25	2023-05-26	2023-05-27	2023-05-28
Rainfall(mm)	0.0	3.0	2.0	1.0	3.0
Tmax(°C)	42.0	42.0	42.0	41.0	41.0
Tmin(°C)	26.0	26.0	26.0	25.0	25.0
RH-I(%)	58	74	72	62	70
RH-II(%)	6	6	5	6	8
Wind Speed(kmph)	8	7	10	9	5
Wind Direction(Degree)	261	288	292	257	210
Cloud Cover(Octa)	2	3	2	0	4

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 0-50%. Maximum temperature will vary between 42.0 0 C and Minimum temperature will vary between 25-26.0 0 C. Relative humidity will vary 5-74%. Wind speed will be about 10.0 kmph and wind direction will be North-Westerly.

General Advisory:

Farmers are advised that due to the possibility of light cloudiness and light showers some places forecasted in coming days, harvesting of matured summer paddy should be done accordingly.

SMS Advisory:

The agricultural equipments to be used for kharif season works should be kept in the good maintenance condition. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Harvesting of matured summer paddy. (Maturity stage)
GREEN GRAM	Irrigate as per need during flowering and pod formation stage in summer black gram and green gram crops. (Flowering and pod formation stage)
SESAME (GINGELLY/TIL)	Irrigate as per need during flowering and pod formation stage in summer sesamum crops.
RICE	The farmers are advised that they should arrange the seeds of high yielding variety of kharif crops for which will be sown.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Automatic weeder should be used in vegetables for inter-cultural operations.
LEMON	Water requirement of citrus is high in these days, therefore should be irrigated on daily basis.
GUAVA	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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If animal suffering from heat stroke it is advised to move the animal in shady place and whole body mop should be done frequently with wet cloth.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	If chicks are being brought from hatchery then electrol powder should be given mixed with drinking water (@ 1-2 gram per litre). In case of large chickens, electrol drinking water should be given to the chickens during hot hours.



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Date : 26-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-27	2023-05-28	2023-05-29	2023-05-30	2023-05-31
Rainfall(mm)	1.0	6.0	3.0	0.0	0.0
Tmax(°C)	42.0	42.0	42.0	42.0	42.0
Tmin(°C)	27.0	28.0	27.0	28.0	29.0
RH-I(%)	60	60	60	60	50
RH-II(%)	20	20	20	20	15
Wind Speed(kmph)	5	6	6	5	5
Wind Direction(Degree)	289	243	225	290	259
Cloud Cover(Octa)	2	3	2	3	4

Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 6.0 mm of rainfall. Cloud amount will be 25-50%. Maximum temperature will vary between 43.7 0 C and Minimum temperature will vary between 22.2-23.5 0 C. Relative humidity will vary 13-35%. Wind speed will be about 11.0 kmph and wind direction will be North-Westerly.

General Advisory:

In coming days farmers are advised to go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

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. KVK, Mahasamund, Chhattisgarh.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	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	Farmers are advised that sowing of fodder crops like gwar, maize, bajra and cluster bean may be done during this week. Adequate moisture should be maintained for maximum germination of seeds. Sowing should be done at a depth of 3-4 cm and at row to row spacing of 25-30 cm.
GENERAL ADVICE	Looking towards the rainy condition it is expected that cloudy weather will persist for coming days, which is favourable for the incidence of insect-pest. Therefore it is advised that farmers should do harvesting and spraying of pesticide according to weather forecast.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	For tree plantation the pits should be dug now. Then after onset of monsoon plantation can be done.
GENERAL ADVICE	After rainfall the weeds are visible in the field. Give them to grow and before 30 days of sowing of Kharif crops apply herbicide Glyphosate @ of 1.5 to 2 lit/acre. That will reduce 50% of weeds infestation.
GENERAL ADVICE	Summer black gram and green gram crop control should be done after Intercultural operation in 20-25 days of timely sown pulse crop.
GENERAL ADVICE	After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.



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Date : 30-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-31	2023-06-01	2023-06-02	2023-06-03	2023-06-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	42.0	43.0	43.0	43.0	44.0
Tmin(°C)	28.0	28.0	28.0	28.0	28.0
RH-I(%)	50	50	50	50	50
RH-II(%)	25	25	25	25	25
Wind Speed(kmph)	5	4	5	4	5
Wind Direction(Degree)	259	210	300	290	259
Cloud Cover(Octa)	6	5	2	3	2

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 25-75%. Maximum temperature will vary between 44.0 0 C and Minimum temperature will vary between 28.0 0 C. Relative humidity will vary 25-50%. Wind speed will be about 5.0 kmph and wind direction will be North-Westerly.

General Advisory:

Farmers are advised to use pre emergence herbicide viz., Pretilachlor + safener @ 0.3kg / ha, on 3rd or 4th day after sowing to control weeds in the nursery of rice crop during early morning hours.

SMS Advisory:

For direct seeded rice to control narrow leaves weeds apply pyrazosulfuron W.P. 10% 80 gram/acre after sowing of 3-5 days and 10-12 days respectably. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers always try to do sowing in line. Line sowing method helped in batter weeds, nutrients & plant protections activities. Which helped in getting better yield.
GENERAL ADVICE	After rainfall the weeds are visible in the field. Give them to grow and before 30 days of sowing of Kharif crops apply herbicide Glyphosate @ of 1.5 to 2 lit/acre. That will reduce 50% of weeds infestation.
GENERAL ADVICE	For coming kharif season arrange the recommended and certified varieties of rice as per land suitability.
GENERAL ADVICE	Looking to the forecast of maximum temperature summer vegetables crops require irrigation management. Farmers are advised to harvest the marketable vegetables

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
	and send to market soon so that desiccation of vegetables due to high temperature and dry wind may not occur.
LAND PREPARATION	Farmers are advised to deep summer plough the vacant field to overcome from the residues of soil borne disease and pest infestation.
LAND PREPARATION	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	After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.



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Agromet Advisory Bulletin

Date : 04-05-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-05-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-05	2023-05-06	2023-05-07	2023-05-08	2023-05-09
Rainfall(mm)	1.0	2.0	0.0	0.0	0.0
Tmax(°C)	34.0	36.0	37.0	39.0	38.0
Tmin(°C)	23.0	24.0	25.0	26.0	27.0
RH-I(%)	85	80	80	75	75
RH-II(%)	40	35	35	35	30
Wind Speed(kmph)	7	5	5	5	4
Wind Direction(Degree)	289	283	281	225	112
Cloud Cover(Octa)	4	4	2	3	2

Weather Summary/Alert:

As per weather forecast received from DSS in the coming 5 days in Mahasamund districts, there will be 2.0 mm of rainfall. Cloud amount will be 25-50%. Maximum temperature will vary between 39.0 0 C and Minimum temperature will vary between 23.0-27.0 0 C. Relative humidity will vary 30-85%. Wind speed will be about 7.0 kmph and wind direction will be Westerly.

General Advisory:

Due to the possibility of light to moderate cloudiness and light rain forecasted in coming days, farmers are advised to keep oilseed and pulse crop at safe place.

SMS Advisory:

Due to the possibility of light rains in the coming days, farmers are advised to avoid the spray of insecticide in summer vegetable crops. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In summer paddy farmers are advised to control stem borer. Spray Rynexpyr 20% SC @ 150 gram/ha. or Fipronil 5% SC @ 1 litre/ha for the control of stem borer attack. (Flowering Stage)
BLACK GRAM	Summer black gram and green gram crop control should be done after Intercultural operation in 20-25 days of timely sown pulse crop. (Vegetative stage)
SESAME (GINGELLY/TIL)	Summer sesamum crops weed control should be done after intercultural operation in 15-20 days of timely sown Oil seed crop. (Vegetative Stage)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Due to the possibility of light rains in the coming days, farmers are advised to avoid the spray of insecticide in summer vegetable crops.
BOTTLE GOURD	Due to the possibility of light rains in the coming days, farmers are advised to avoid fertilizer application gourd crops. Proper support should be provided to the vine.
SWEET POTATO	Planting of summer sweet potato should be done after the clear weather .
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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.
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 - (https://play.google.com/store/apps/details?id=com.aas.meghdoot)
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	Due to the possibility of light rains in the coming days, farmers are advice to keep their animals in shade and give regular water to them.
GENERAL ADVICE	Animals must be fed 50-60 grams of salt mixed with water.