



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



Agromet Advisory Bulletin

Date : 03-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-04	2023-01-05	2023-01-06	2023-01-07	2023-01-08
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	30.0	30.0	29.0
Tmin(°C)	13.0	14.0	14.0	11.0	10.0
RH-I(%)	80	80	80	75	70
RH-II(%)	35	35	35	35	30
Wind Speed(kmph)	3.0	4.0	4.0	4.0	3.0
Wind Direction(Degree)	79	73	56	27	90
Cloud Cover(Octa)	0	0	0	0	0

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%. Maximum temperature will vary between 30.0 0 C and Minimum temperature will vary between 10.0-14.0 0 C. Relative humidity will vary 30-80 %. Wind speed will be about 4.0 kmph and wind direction will be Easterly.

General Advisory:

Where there is a good system of irrigation, maize crop can be taken. For this, seed rate will be 15-20 kg per hectare of hybrids and 20-25 kg per hectare for composite varieties. 60x20 cm line to line and plant to plant distance should be maintained. Seed treatment with Trichoderma powder @ 6-10 gm per kg of seed and Azospirillum and PSB @ 5-10 gram per kg of seed should be done before sowing.

SMS Advisory:

If windows are not installed in the cattle and poultry house there gunny bags should be hanged to prevent cold air. Krishi Vigyan Kendra Mahasamund Chhattisgarh.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If the milch animals are affected by external parasite, fungal infection or allergy than sulphur soap should be used for treating the affected parts. After drying Himex ointment should be applied over the affected parts.
COW	If milch animals and goats are facing the gestrics problem then give Timpol medicine @ 100 gram for milch animal and 15-20 gram for goat in luke warm water.
COW	Feed the cattle with dried fodder chaff cutting mixed with legume fodder such as berseem, lucerne etc.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	In the fruit trees plants for prevention of fruit fly Indoxacarb mixed with jiggery should be used. Pots should be kept hanging in open throughout the orchard. This material is readily available in the market also.
PLANT PROTECTION	There is chance of aphid attack in oilseed and pulses Therefore do continuous monitoring and spray neem based pesticides when initial outbreak is shown.



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Date : 05-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-06	2023-01-07	2023-01-08	2023-01-09	2023-01-10
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	28.0	28.0	28.0	29.0
Tmin(°C)	12.0	9.0	8.0	9.0	10.0
RH-I(%)	90	85	80	80	80
RH-II(%)	50	30	30	25	25
Wind Speed(kmph)	4.0	4.0	3.0	3.0	3.0
Wind Direction(Degree)	36	15	162	60	62
Cloud Cover(Octa)	0	0	0	0	0

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%. Maximum temperature will vary between 29.0 0 C and Minimum temperature will vary between 9.0-12.0 0 C. Relative humidity will vary 25-90 %. Wind speed will be about 4.0 kmph and wind direction will be Southerly.

General Advisory:

In wheat crop, crown root and tillering stage. This stage is the critical stage of moisture and nutrients. So irrigation should be done need basis.

SMS Advisory:

In timely sown gram crop, topping/nipping should be done after 35-40 days or crop reaching at 15-20 cm height. Krishi Vigyan Kendra Mahasamund Chhattisgarh.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If the milch animals are affected by external parasite, fungal infection or allergy than sulphur soap should be used for treating the affected parts. After drying Himex ointment should be applied over the affected parts.
COW	If milch animals and goats are facing the gestrics problem then give Timpol medicine @ 100 gram for milch animal and 15-20 gram for goat in luke warm water.
COW	Feed the cattle with dried fodder chaff cutting mixed with legume fodder such as berseem, lucerne etc.
COW	If there is gastric problem in dairy animals, then Tempol/Blotasil dissolved in 100 ml warm water should be given to animals.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	In the fruit trees plants for prevention of fruit fly Indoxacarb mixed with jiggery should be used. Pots should be kept hanging in open throughout the orchard. This material is readily available in the market also.
PLANT PROTECTION	There is chance of aphid attack in oilseed and pulses Therefore do continuous monitoring and spray neem based pesticides when initial outbreak is shown.
GENERAL ADVICE	Where there is a good system of irrigation, maize crop can be taken. For this, seed rate will be 15-20 kg per hectare of hybrids and 20-25 kg per hectare for composite varieties. 60x20 cm line to line and plant to plant distance should be maintained. Seed treatment with Trichoderma powder @ 6-10 gm per kg of seed and Azospirillum and PSB @ 5-10 gram per kg of seed should be done before sowing.
GENERAL ADVICE	If windows are not installed in the cattle and poultry house there gunny bags should be hanged to prevent cold air.



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Date : 10-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-11	2023-01-12	2023-01-13	2023-01-14	2023-01-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	31.0	31.0
Tmin(°C)	11.0	11.0	12.0	13.0	14.0
RH-I(%)	50	50	50	60	65
RH-II(%)	20	20	20	25	25
Wind Speed(kmph)	2.0	2.0	2.0	3.0	4.0
Wind Direction(Degree)	248	255	245	285	225
Cloud Cover(Octa)	0	0	0	0	0

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%. Maximum temperature will vary between 31.0 0 C and Minimum temperature will vary between 11.0-14.0 0 C. Relative humidity will vary 20-65 %. Wind speed will be about 4.0 kmph and wind direction will be North-Westerly.

General Advisory:

Flowering in mango crop has started. Upon 50% flowering, irrigation should be given strictly at 15 days or more interval. Continuous irrigation results in conversion of flower into leaves.

SMS Advisory:

For feeding of animals with good nutritional quality fodder, crop cutting should be done before flowering. Krishi Vigyan Kendra Mahasamund Chhattisgarh.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	In guava after plucking of the fruits bahar treatment should be done. For this FYM 20 kg per plant, Urea 100 gram, Potash 150 gram, magnesium sulfate 40 gram and calcium 80 gram per plant should be given.
POTATO	Earthing and fertilizer application followed by irrigation should be done in one month old potato crop.
CHILLI	Irrigation and fertilizer management should be done in winter vegetables.
SAPOTA	To avoid fruit shed in Sapota, Planofix should be sprayed as foliar spray @1 m.l per liter.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If there is gastric problem in dairy animals, then Tempol/Blotasil dissolved in 100 ml warm water should be given to animals.
GOAT	If windows are not installed in the cattle and poultry house then gunny bags should be hanged to prevent cold air. Young animals should be taken out for sun exposure.



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Date : 13-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-14	2023-01-15	2023-01-16	2023-01-17	2023-01-18
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	31.0	31.0	32.0
Tmin(°C)	14.0	14.0	14.0	15.0	13.0
RH-I(%)	83	80	80	75	75
RH-II(%)	25	25	25	27	27
Wind Speed(kmph)	3.0	3.0	4.0	4.0	4.0
Wind Direction(Degree)	243	261	270	79	253
Cloud Cover(Octa)	0	0	0	0	1

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 0-12.5%. Maximum temperature will vary between 32.0 0 C and Minimum temperature will vary between 13.0-15.0 0 C. Relative humidity will vary 25-83%. Wind speed will be about 4.0 kmph and wind direction will be Westerly.

General Advisory:

Farmers are advised to sow sunflower crop. After this, if there is not enough moisture in the soil for germination of the seeds, light irrigation should be applied.

SMS Advisory:

In wheat crop, crown root and tillering stage. This stage is the critical stage of moisture and nutrients. So irrigation should be done need basis. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	First irrigation should be done 20-25 days after sowing at CRI stage Top dressing of second dose of nitrogen should be done at the time of first irrigation. (20-25 DAS stage)
WHEAT	Second irrigation should be done 40-50 days after sowing. Top dressing of third dose of nitrogen should be done at the time of Second irrigation. (40-50 DAS stage)
CHICK PEA	Looking to the weather condition there is possibility of infestation of pod borer in chick-pea. Hand picking should be done for control. To increase birds activity, T or Y shaped woods should be installed @ 20-25 Nos/ ha in different places of field. To monitor adult insects use Pheromone trap @2 Nos/acre. On the basis of adult catch of insects, NPV insecticide should be sprayed @ 250 LE per hectare 500 litter of water.
MUSTARD	Aphid insect of mustard crop is harmful both at nymph and adult stage. Imidacloprid 17.8 S.L. should be sprayed @ 250 ml Per hectare. 2 to 3 times at an interval of 10-15 days as

Crop(Varieties)	Crop Specific Advisory
	required.
MUSTARD	If disease is observed in lower leaf of plant than Spray Metalaxyl @1 gm. Per litter. If necessary spray should be repeated after 10-12 days.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	Flowering in mango crop has started. Upon 50% flowering, irrigation should be given strictly at 15 days or more interval. Continuous irrigation results in conversion of flower into leaves.
GUAVA	In guava after plucking of the fruits bahar treatment should be done. For this FYM 20 kg per plant, Urea 100 gram, Potash 150 gram, magnesium sulfate 40 gram and calcium 80 gram per plant should be given.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	For maximum milk production, milch cattle should be given mineral mixture @.25-30 grams and 50 gram salt.
COW	If there is gastric problem in dairy animals, then Tempol/Blotasil dissolved in 100 ml warm water should be given to animals.



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Date : 17-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-18	2023-01-19	2023-01-20	2023-01-21	2023-01-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	30.0	31.0	30.0
Tmin(°C)	16.0	16.0	17.0	18.0	19.0
RH-I(%)	78	78	83	83	88
RH-II(%)	35	33	35	35	35
Wind Speed(kmph)	4.0	4.0	3.0	3.0	3.0
Wind Direction(Degree)	60	72	45	90	144
Cloud Cover(Octa)	0	0	2	2	1

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 0-25%. Maximum temperature will vary between 31.0 0 C and Minimum temperature will vary between 16.0-19.0 0 C. Relative humidity will vary 35-88 %. Wind speed will be about 4.0 kmph and wind direction will be South-Easterly.

General Advisory:

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.

SMS Advisory:

Spray spinosad @ 150 ml per hectare if you see an outbreak of vesicles eating husbandry. Krishi Vigyan Kendra Bhalesar ,Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	If blight disease is observed brown spots appear leaves of plant. Copper Oxichloride should be applied @ 3 gram per liter of water.
CHICK PEA	Looking to the weather condition there is possibility of infestation of pod borer in chick-pea. Hand picking should be done for control. To increase birds activity, T or Y shaped woods should be installed @ 20-25 Nos/ ha in different places of field. To monitor adult insects use Pheromone trap @2 Nos/acre. On the basis of adult catch of insects, NPV insecticide should be sprayed @ 250 LE per hectare 500 litter of water.
MUSTARD	Aphid insect of mustard crop is harmful both at nymph and adult stage. Imidacloprid 17.8 S.L. should be sprayed @ 250 ml Per hectare. 2 to 3 times at an interval of 10-15 days as required.

Crop(Varieties)	Crop Specific Advisory
MUSTARD	If disease is observed in lower leaf of plant than Spray Metalaxyl @1 gm. Per litter. If necessary spray should be repeated after 10-12 days.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Looking into the present weather conditions, there are chances of aphid attack in vegetable crops. Therefore, farmers are advised to do continuous monitoring and spray neem based pesticides when initial outbreak is seen.
MANGO	Flowering in mango crop has started. Upon 50% flowering, irrigation should be given strictly at 15 days or more interval. Continuous irrigation results in conversion of flower into leaves.
GUAVA	In guava after plucking of the fruits bahar treatment should be done. For this FYM 20 kg per plant, Urea 100 gram, Potash 150 gram, magnesium sulfate 40 gram and calcium 80 gram per plant should be given.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	If there is gastric problem in dairy animals, then Tempol/Blotasil dissolved in 100 ml warm water should be given to animals.
COW	For maximum milk production, milch cattle should be given mineral mixture @.25-30 grams and 50 gram salt.
BUFFALO	For feeding of animals with good nutritional quality fodder, crop cutting should be done before flowering.



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Date : 20-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-21	2023-01-22	2023-01-23	2023-01-24	2023-01-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	32.0	32.0	32.0
Tmin(°C)	18.0	19.0	19.0	19.0	20.0
RH-I(%)	90	91	91	91	91
RH-II(%)	48	48	49	50	50
Wind Speed(kmph)	4.0	3.0	4.0	3.0	2.0
Wind Direction(Degree)	112	180	112	148	152
Cloud Cover(Octa)	1	0	1	1	6

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 0-75%. Maximum temperature will vary between 32.0 0 C and Minimum temperature will vary between 18.0-20.0 0 C. Relative humidity will vary 48-91 %. Wind speed will be about 4.0 kmph and wind direction will be Southerly.

General Advisory:

In wheat crop is in tillering stage. This stage is the critical stage of moisture and nutrients. Therefore irrigation should be done on need basis.

SMS Advisory:

Farmers are advised to continuously monitor the field and spray the above insecticide/fungicide in case of outbreak of insect disease. Krishi Vigyan Kendra, Bhalesar, Mahasamund Chhattisgarh.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Second irrigation should be done 40-50 days after sowing. Top dressing of third dose of nitrogen should be done at the time of Second irrigation. (40-50 DAS stage)
WHEAT	If blight disease is observed, brown spots appear on leaves of plant. Copper Oxichloride should be applied @ 3 gram per liter of water .
CHICK PEA	Looking to the weather condition there is possibility of infestation of pod borer in chick-pea. Hand picking should be done for control. To increase birds activity, T or Y shaped woods should be installed @ 20-25 Nos/ ha in different places of field. To monitor adult insects use Pheromone trap @2 Nos/acre. On the basis of adult catch of insects, NPV insecticide should be sprayed @ 250 LE per hectare 500 litter of water. (Pod borer insect)
MUSTARD	Aphid insect of mustard crop is harmful both at nymph and adult stage. Imidacloprid 17.8 S.L. should be sprayed @ 250 ml Per hectare. 2 to 3 times at an interval of 10-15 days as

Crop(Varieties)	Crop Specific Advisory
	required. (Aphids insect)
MUSTARD	If disease is observed in lower leaf of plant than Spray Metalaxyl @1 gm. Per liter. If necessary spray should be repeated after 10-12 days. (White rust or downy mildew)
MAIZE	This is right time for sowing of winter maize. Therefore farmers are advised for sowing of this crop after preparation of their fields.
MAIZE	In December, sown maize crop intercultural operation and earthing up should be done apply second dose of nitrogen fertilizer after this. (25-30 DAS stage)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Looking into the present weather conditions, there are chances of aphid attack in vegetable crops. Therefore, farmers are advised to do continuous monitoring and spray neem based pesticides when initial outbreak is seen.
POTATO	Late and early blight of potato will be effectively controlled by copper oxichloride @ 3 gram per liter of water .

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	During last 3 months of pregnancy pregnant cows should be fed with 10-15 kg green fodder, 30-50 gram mineral mixture and 30 gram ordinary salt.
COW	To gain more production give 25-30 kg green fodder per day in the ratio of 3:1 green and dry fodder.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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 : 24-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-25	2023-01-26	2023-01-27	2023-01-28	2023-01-29
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	33.0	33.0
Tmin(°C)	16.0	17.0	17.0	17.0	18.0
RH-I(%)	78	75	72	72	70
RH-II(%)	30	28	28	25	25
Wind Speed(kmph)	3.0	2.0	4.0	4.0	3.0
Wind Direction(Degree)	135	115	202	103	114
Cloud Cover(Octa)	1	0	0	0	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 0-25%. Maximum temperature will vary between 33.0 0 C and Minimum temperature will vary between 16.0-18.0 0 C. Relative humidity will vary 25-78 %. Wind speed will be about 4.0 kmph and wind direction will be South-Westerly.

General Advisory:

Farmers are advised to continuously monitor the field and spray the above insecticide/fungicide in case of outbreak of insect disease.

SMS Advisory:

Prepare seedling of Cucurbitaceous vegetables in polythene bags for getting early produce. Krishi Vigyan Kendra, Mahasamund,Chhattisgarh.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Looking into the present weather conditions, there are chances of aphid attack in vegetable crops. Therefore, farmers are advised to do continuous monitoring and spray neem based pesticides when initial outbreak is seen.
POTATO	Late and early blight of potato will be effectively controlled by copper oxichloride @ 3 gram per liter of water.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Save calves from cold (night temperature) and use heater, curtains to save them

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To gain more production give 25-30 kg green fodder per day in the ratio of 3:1 green and dry fodder to dairy animals.
COW	Provide concentrate feed to cattle mixed with dry and green fodder and ensure for feeding enriched diet having protein, carbohydrate, fat, vitamins etc.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
KADAKNATH	To protect Ranikhet disease vaccinate the chicks at 7 days (F1) and at 6 weeks with R2B

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	The farmers are advised to spray fungicide when the weather is clear.
GENERAL ADVICE	In wheat crop is in tillering stage. This stage is the critical stage of moisture and nutrients. Therefore irrigation should be done on need basis.
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 : 27-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-28	2023-01-29	2023-01-30	2023-01-31	2023-02-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	33.0	32.0
Tmin(°C)	18.0	19.0	19.0	19.0	18.0
RH-I(%)	88	88	90	86	86
RH-II(%)	34	34	39	39	35
Wind Speed(kmph)	5.0	5.0	4.0	4.0	7.0
Wind Direction(Degree)	26	68	112	165	108
Cloud Cover(Octa)	0	2	2	2	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 0-25%. Maximum temperature will vary between 33.0 0 C and Minimum temperature will vary between 18.0-19.0 0 C. Relative humidity will vary 34-90 %. Wind speed will be about 7.0 kmph and wind direction will be Southerly.

General Advisory:

The farmers are advised to spray fungicide when the weather is clear.

SMS Advisory:

To protect Ranikhet disease vaccinate the chicks at 7 days (F1) and at 6 weeks with R2B. Krishi Vigyan Kendra Mahasamund, Chhattisgarh.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	During last 3 months of pregnancy pregnant cows should be fed with 10-15 kg green fodder, 30-50 gram mineral mixture and 30 gram ordinary salt.
COW	Provide concentrate feed to cattle mixed with dry and green fodder and ensure for feeding enriched diet having protein, carbohydrate, fat, vitamins etc.
COW	To gain more production give 25-30 kg green fodder per day in the ratio of 3:1 green and dry fodder to dairy animals.
COW	Save calves from cold (night temperature) and use heater, curtains to save them.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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	The farmers are advised to spray fungicide when the weather is clear.
GENERAL ADVICE	In wheat crop is in tillering stage. This stage is the critical stage of moisture and nutrients. Therefore irrigation should be done on need basis.



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Agromet Advisory Bulletin

Date : 31-01-2023

Weather Forecast of District MAHASAMUND(Chhattisgarh) Issued On : 2023-01-31(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-01	2023-02-02	2023-02-03	2023-02-04	2023-02-05
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	29.0	29.0	29.0
Tmin(°C)	20.0	18.0	15.0	14.0	15.0
RH-I(%)	73	73	73	73	73
RH-II(%)	33	33	30	30	30
Wind Speed(kmph)	6.0	5.0	4.0	3.0	3.0
Wind Direction(Degree)	28	338	288	285	281
Cloud Cover(Octa)	0	2	5	1	0

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 0-62.5%. Maximum temperature will vary between 31.0 0 C and Minimum temperature will vary between 14.0-20.0 0 C. Relative humidity will vary 30-73 %. Wind speed will be about 6.0 kmph and wind direction will be North-Westerly.

General Advisory:

Farmers are advised to irrigate the wheat crop as per the requirement.

SMS Advisory:

Farmers are advised to continuously monitor the field and spray the above insecticide/fungicide in case of outbreak of insect disease. Krishi Vigyan Kendra, Mahasamund Chhattisgarh.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Looking to the weather condition there is possibility of infestation of pod borer in chick- pea. Hand picking should be done for control. To increase birds activity, T or Y shaped woods should be installed @ 20-25 Nos/ ha in different places of field. To monitor adult insects use Pheromone trap @ 2 Nos/acre. On the basis of adult catch of insects, NPV insecticide should be sprayed @ 250 LE per hectare 500 litter of water .
PLANT PROTECTION	Aphid insect of mustard crop is harmful both at nymph and adult stage. Imidacloprid 17.8 S.L. should be sprayed @ 250 ml Per hectare. 2 to 3 times at an interval of 10-15 days as required.
GENERAL ADVICE	If blight disease is observed, brown spots appear on leaves of plant. Copper Oxichloride should be applied @ 3 gram per liter of water .

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	If disease is observed in lower leaf of plant than spray Metalaxyl @1 gm. Per liter. If necessary spray should be repeated after 10-12 days.
GENERAL ADVICE	If brown spot disease is observed in the leaves of plant than copper oxichloride should be applied.
GENERAL ADVICE	Don't irrigate wilt affected pulses crop. If necessary irrigation should be done through sprinkler.
GENERAL ADVICE	If Yellow Vein Mosaic (yvm) disease observed in pulses crop then destroy the affected plants and spray Thiamethoxam 25 W.G. insecticide @ 0.5 ml/liter water.
PLANT PROTECTION	Looking into the present weather conditions, there are chances of aphid attack in vegetable crops. Therefore, farmers are advised to do continuous monitoring and spray neem based pesticides when initial outbreak is observed.