



GRAMIN KRISHI MAUSAM SEVA

DEPARTMENT OF AGROMETEOROLOGY & ENVIRONMENTAL SCIENCE
BIRSA AGRICULTURAL UNIVERSITY, KANKE, RANCHI – 834006



Agromet Advisory Bulletin for Ranchi District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	39	40	40	39	40
Min. Temp. (°C)	24	24	24	24	23
R.H. (%)	14-35	11-19	07-17	07-21	08-85
Wind speed (kmph)	6	10	7	6	6
Wind direction	From South west	From North west	From North west	From South east	From South west

Day temperature will remain higher than normal. And high day temperature increases the water requirement of all the crops/vegetables considerably. Hence, irrigate them at a regular interval as per their requirement.

High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

Farmers who are interested to cultivate **ginger** and **turmeric** may arrange the improved seeds for timely sowing. The recommended variety of ginger is Bardhwan, Suruchi, Nadiya, Suprabha etc. and of turmeric is Rajendra Sonia. The seed rate of both the crop is 8 quintal per acre.

Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
Wheat	Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage. Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning. This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
Fruit trees	Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits. Spray sulfex @ 2 gm per litre of water against Powdery mildew disease. Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding. Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

Sanjiv Kumar
(Technical Officer)
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Agromet Advisory Bulletin for Khunti District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

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Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	39	40	40	39	40
Min. Temp. (°C)	24	24	24	24	23
R.H. (%)	15-37	12-22	06-18	06-30	07-74
Wind speed (kmph)	4	8	5	4	8
Wind direction	From South west	From South west	From North west	From South west	From South east

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High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

Farmers who are interested to cultivate **ginger** and **turmeric** may arrange the improved seeds for timely sowing. The recommended variety of ginger is Bardhwan, Suruchi, Nadiya, Suprabha etc. and of turmeric is Rajendra Sonia. The seed rate of both the crop is 8 quintal per acre.

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Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
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Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
Fruit trees	Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits. Spray sulfex @ 2 gm per litre of water against Powdery mildew disease. Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding. Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

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Agromet Advisory Bulletin for Bokaro District

(For 18th to 22nd April)

email: amfuranchi@gmail.com

Website: www.bauranchi.org /www.bau-eagriculture.com

AMFU, RANCHI

Ref.: 5/4 AAS/RANCHI

IMD, PUNE

Date: 17.04.18

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	41	42	43	42	42
Min. Temp. (°C)	23	24	24	24	24
R.H. (%)	10-29	09-24	06-22	06-41	07-85
Wind speed (kmph)	9	6	4	5	5
Wind direction	From South west	From North west	From South west	From South east	From South east

Day temperature will remain higher than normal. And high day temperature increases the water requirement of all the crops/vegetables considerably. Hence, irrigate them at a regular interval as per their requirement.

High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

Farmers who are interested to cultivate **ginger** and **turmeric** may arrange the improved seeds for timely sowing. The recommended variety of ginger is Bardhwan, Suruchi, Nadiya, Suprabha etc. and of turmeric is Rajendra Sonia. The seed rate of both the crop is 8 quintal per acre.

Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
Wheat	Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage. Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning. This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
Fruit trees	Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits. Spray sulfex @ 2 gm per litre of water against Powdery mildew disease. Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding. Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

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Agromet Advisory Bulletin for Hazaribag District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Clear sky	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	40	40	39	40	42
Min. Temp. (°C)	24	22	23	24	23
R.H. (%)	11-29	09-19	08-16	07-32	08-79
Wind speed (kmph)	10	12	10	6	6
Wind direction	From South west	From South west	From South west	From South east	From South west

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High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

Farmers who are interested to cultivate **ginger** and **turmeric** may arrange the improved seeds for timely sowing. The recommended variety of ginger is Bardhwan, Suruchi, Nadiya, Suprabha etc. and of turmeric is Rajendra Sonia. The seed rate of both the crop is 8 quintal per acre.

Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
Wheat	Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage. Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning. This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
Fruit trees	Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits. Spray sulfex @ 2 gm per litre of water against Powdery mildew disease. Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding. Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

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Agromet Advisory Bulletin for Ramgarh District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Clear sky	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	39	39	38	39	40
Min. Temp. (°C)	24	22	22	22	22
R.H. (%)	12-31	09-19	07-15	07-28	07-86
Wind speed (kmph)	9	10	8	4	3
Wind direction	From South west	From North west	From North west	From South east	From South west

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High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

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Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
Wheat	<p>Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage.</p> <p>Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning.</p> <p>This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.</p>
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	<p>Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential.</p> <p>Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect.</p> <p>After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).</p>
Fruit trees	<p>Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits.</p> <p>Spray sulfex @ 2 gm per litre of water against Powdery mildew disease.</p> <p>Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding.</p> <p>Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.</p>
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

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Agromet Advisory Bulletin for Chatra District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

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Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Clear sky	Clear sky	Clear sky	Clear sky
Max. Temp. (°C)	44	44	45	45	44
Min. Temp. (°C)	25	25	26	26	25
R.H. (%)	11-30	08-19	07-16	07-24	07-58
Wind speed (kmph)	9	10	8	9	6
Wind direction	From South west	From South west	From South west	From South east	From South west

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High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

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Agromet Advisory Bulletin for Gumla District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

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Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Scattered cloud	Scattered cloud
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Min. Temp. (°C)	24	24	24	24	23
R.H. (%)	15-36	12-21	07-18	07-20	07-55
Wind speed (kmph)	4	8	6	7	7
Wind direction	From South west	From North west	From North west	From South east	From South west

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Agromet Advisory Bulletin for Simdega District

(For 18th to 22nd April)

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Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Scattered cloud	Scattered cloud
Max. Temp. (°C)	41	41	42	41	40
Min. Temp. (°C)	23	24	24	24	24
R.H. (%)	15-35	12-23	06-18	06-23	06-51
Wind speed (kmph)	4	7	4	4	10
Wind direction	From South west	From North west	From South west	From South east	From North east

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Wheat	Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage. Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning. This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
Fruit trees	Irrigate the fruit bearing trees at regular interval. Spray Planofix @ 5 ml per 10 litre of water to check dropping of tiny litchi fruits. Spray sulfex @ 2 gm per litre of water against Powdery mildew disease. Farmers, wishing to prepare seedlings of papaya plant, sow the seed in polythene bags filled with soil and well rotted cow dung/FYM and irrigate regularly after seeding. Select the suitable place for plantation of different fruit seedlings and prepare/dug the pit and maintain the distance between pit as per requirement of fruit tree.
Cattle	In summer season, cattle must be protected against intense heat. To keep their room cool, Jute bag may be hanged as curtain in the windows and it should be wetted time to time. Also avail plenty of fresh water for drinking and bathing.

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Agromet Advisory Bulletin for Lohardaga District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Scattered cloud	Clear sky	Clear sky	Scattered cloud
Max. Temp. (°C)	39	40	40	39	40
Min. Temp. (°C)	24	24	24	24	23
R.H. (%)	13-36	10-22	08-21	07-21	07-56
Wind speed (kmph)	4	7	4	7	2
Wind direction	From North west	From North west	From South west	From South east	From North west

Day temperature will remain higher than normal. And high day temperature increases the water requirement of all the crops/vegetables considerably. Hence, irrigate them at a regular interval as per their requirement.

High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

Farmers who are interested to cultivate **ginger** and **turmeric** may arrange the improved seeds for timely sowing. The recommended variety of ginger is Bardhwan, Suruchi, Nadiya, Suprabha etc. and of turmeric is Rajendra Sonia. The seed rate of both the crop is 8 quintal per acre.

Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
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Vegetables	Irrigate different vegetables at the regular interval. Before irrigation, weeding is essential. Spray bioinsecticide like Halt, Delfin or Biolep @ 1.5 gm per litre of water in Brinjal and Bhindi (Lady's finger) against fruit borer and in Cauliflower and Cabbage against white fly insect. After the tomato crop field may be utilized by sowing of Bhindi (lady's finger).
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Agromet Advisory Bulletin for Palamu District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Clear sky	Clear sky	Scattered cloud	Clear sky
Max. Temp. (°C)	44	44	45	45	44
Min. Temp. (°C)	25	25	26	26	25
R.H. (%)	10-29	08-18	07-17	06-18	06-48
Wind speed (kmph)	7	9	7	8	6
Wind direction	From South west	From South west	From South west	From South east	From South west

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High day temperature favours the attack of Heat stroke in cattle. Hence, farmers are requested to avail plenty of drinking water for them and do not allow them to remain in sunlight during intense heat (specially during noon).

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Crop	Agrometeorological Advices (Based on the weather forecast)
Summer Rice	Maintain the water level in the field. If there is a problem of weeds, control them immediately.
Wheat	<p>Already harvested crops must be dried in sunlight before threshing. Grains also should be dried in sunlight before storage.</p> <p>Farmers, who have not harvested the crop till now may start harvesting and at the time of harvesting, collect Black smut affected ear head (in which ear-head converted into black loose powder) in a polythene bag and buried it in the soil after burning.</p> <p>This operation facilitates the quality of produce and is beneficial for those farmers who will use this grain as a seed in the next year.</p>
Mung	Irrigate the crop immediately in case of deficient soil moisture. Before irrigation, inter-culture operation is must to conserve moisture for a longer period.
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Agromet Advisory Bulletin for Garhwa District

(For 18th to 22nd April)

AMFU, RANCHI

IMD, PUNE

Ref.: 5/4 AAS/RANCHI

email: amfuranchi@gmail.com

Date: 17.04.18

Website: www.bauranchi.org /www.bau-eagriculture.com

Weather Forecast for next 5 days received from India Meteorological Department

	18 April	19 April	20 April	21 April	22 April
Rainfall (mm)	0	0	0	0	0
Cloud condition	Scattered cloud	Clear sky	Clear sky	Scattered cloud	Scattered cloud
Max. Temp. (°C)	44	44	45	45	44
Min. Temp. (°C)	25	25	26	26	25
R.H. (%)	11-27	08-18	07-17	06-20	06-33
Wind speed (kmph)	7	8	7	4	3
Wind direction	From South west	From South west	From South west	From South east	From West

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Agromet Advisory Bulletin for Latehar District

(For 18th to 22nd April)

email: amfuranchi@gmail.com

AMFU, RANCHI

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Max. Temp. (°C)	44	44	45	45	44
Min. Temp. (°C)	25	25	26	26	25
R.H. (%)	12-31	09-20	07-19	07-20	06-47
Wind speed (kmph)	6	8	5	6	3
Wind direction	From South west	From South west	From South west	From South east	From South west

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