

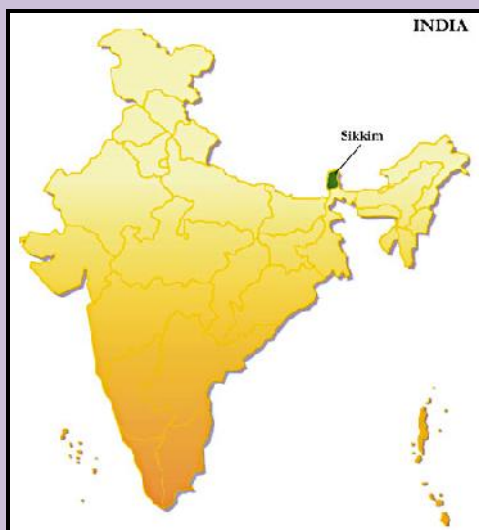


AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF NORTH SIKKIM

PERIOD:

30th NOVEMBER' to 4th DECEMBER' 2019

*IMD, GANGTOK IN COLLABORATION WITH ICAR, GANGTOK, FSAD
AND HCCD, GANGTOK*



ISSUED ON 29th November 2019

Meteorological Sub-division of Sikkim

As per India Meteorological Department's classification, Sikkim is a part of Met Sub-Division of Sub Himalayan West Bengal & Sikkim (SHWB & SKM) and is divided into four (4) Districts:

- 1) North District with HQ at Mangan
- 2) East District with HQ at Gangtok
- 3) West District with HQ at Gyalsing
- 4) South District with HQ at Namchi

Issued by: Santanu Das, SMS (Agril. Meteorology), ICAR-KVK, East Sikkim, Ranipool

Value Added forecast for NORTH-DISTRICT for next five days

Parameter/Date	30/11/2019	01/12/2019	02/12/2019	03/12/2019	04/12/2019
Rainfall (mm)	No rain	No rain	No rain	Very light rain	Light rain
Max Temp (⁰ C)	21	20	20	20	19
Min Temp (⁰ C)	11	11	11	11	10
Sky condition	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	90	90	90	92	93
Min RH (%)	70	73	73	76	83
Wind Speed (KmpH)	004	004	004	003	004
Wind Direction (deg)	SE	SE	SE	SE	S

Northerly- **N**, North-Easterly- **N-E**, Easterly- **E**, South-Easterly- **S-E**, Southerly- **S**, South-Westerly- **S-W**, Westerly- **W**, North-westerly- **N-W**.

Weather for preceding week			
Date	Rainfall	Max. Temp	Min. Temp
	(mm)	(⁰ C)	(⁰ C)
26/11/2019	000	N/A	13.6
27/11/2019	000	20.3	11.4
28/11/2019	000	22.3	10.2

Weather forecast valid up to 04th December 2019

- Probability of very light rainfall on Tuesday and Wednesday.
- Max temp may be varying from 19-21⁰C, whereas, Min temp may vary from 10-11⁰C
- Sky will remain generally cloudy.
- Max RH is likely to be 90-93 %, whereas, Min RH may vary from 70-83 %
- Wind speed may likely vary from 3-4 km/hr.
- Wind direction may blow from southeasterly direction.
- Weekly cumulative rainfall= 005.0 mm

AGRO-METEOROLOGICAL ADVISORIES

General Advisories for all the crops/ livestock

- ➡ Complete the sowing of rabi crops as early as possible before residual soil moisture lost.
- ➡ Harvest mature crops before unexpected rain.
- ➡ While selecting site for construction of animal shed a site that allows sun light exposure as well as good wind control is preferable

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<i>Agricultural and Horticultural crops:</i>			
Rice	Harvesting		<ul style="list-style-type: none"> ◆ Drain out water completely 10 days before harvesting. ◆ Harvesting should start when the crops are 80-90% mature ◆ Maintain seed moisture about 8-10 % for storage.
			<ul style="list-style-type: none"> ◆ फसल काटन भन्दा १० दिन पाहेले पानी बाहिर निकाल्नुहोस्। ◆ फसल ८०-९०% पाकेको भएपछि फसल काटन सुरु गर्नुस् ◆ बीउ राख्नुको लागि ८-१०% नमि कायम राख्नुहोस्।
Rjmath	Pod development		<ul style="list-style-type: none"> ◆ Spray neem oil @ 5ml/liter (1500 ppm) for quality seed production.
			<ul style="list-style-type: none"> ◆ राम्रो सुग बीउ उत्प को लागि नीमको तेल @ 5 ml/litre (1500 ppm) लगाउनुस्।
Potato	Planting		<ul style="list-style-type: none"> ◆ Potato tubers should be healthy, medium sized and diseased free. ◆ Prepare well seed bed for proper tuberization of potato crop. ◆ Maintain spacing at 50-60 cm × 20-25 cm and select tuber size of 40-50 g ◆ Apply well decompose FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha and neem cake @ 2 t/ha during field preparation.
			<ul style="list-style-type: none"> ◆ आलुका टुपना स्वस्थ, मध्यम आकार र रोगमुक्त हुनुपर्दछ। ◆ आलु बीउको उचित tuberization को लागि राम्रोसग बार तयार गर्नुहोस्। ◆ 40-50 g आलु को बीउ 50-60 cm × 20-25 cm अन्तरमा राप्नुस्। ◆ पूरा कएको FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha आनि neem cake @ 2 t/ha बार तयार गदा लगाउनुस्।
Field pea	Sowing		<ul style="list-style-type: none"> ◆ Just after harvesting of rice, pea can be grown under zero tillage practice at 30 cm row to row distance with 15 cm plant to plant distance.
			<ul style="list-style-type: none"> ◆ धानका बाला काटन बात्तक पाछ मटर (zero tillage) शून्य खेतीको अनुसार at 30 cm row to row distance with 15 cm plant

			to plant distance मा गर्नु साकन्छ ।
Rapeseed- Mustard/Toria	Sowing		<ul style="list-style-type: none"> ◆ Late variety can be grown at zero/reduced tillage after rice or maize harvest at residual soil moisture.
			<ul style="list-style-type: none"> ◆ ढिला रापन बरुवाहरू धानका मकैको बालीनाली पछि (zero tillage) शुन्य खताका अनुसार कम जुताइमा माटामा बाँकी भएको नमिमा उब्जाउन सकिन्छ ।
Cole crops	Nursery preparation		<ul style="list-style-type: none"> ◆ After transplanting, apply light irrigation at alternate days for better of crop growth. ◆ Apply mulching just after irrigation to conserve soil moisture.
			<ul style="list-style-type: none"> ◆ बरुवा रापपाछ बरुवालाइ राम्रा बनाउन २-३ दिनमा हल्का पानिको प्रयोग गर्नुहोस । ◆ माटोको नमी बचाय राख्नु को लागि पानि लगाय पाछ मात्र मलाचग लगाउनुहास ।
Animal Sciences and livestock management			
Sheep/goat			<ul style="list-style-type: none"> ◆ During winter months special care should be taken for sheep, goat for external parasites.
			<ul style="list-style-type: none"> ◆ जाडो माहेनाहरूमा भेडा र बाख्रा हरुलाई परजीवीहरू बाटा ब्याउनु लागि विशेष ध्यान राख्नु पर्छ ।
Poultry/chicken			<ul style="list-style-type: none"> ◆ Keep the Vanaraja chicks in warm condition (32-33°C) during the first four weeks. ◆ Low cost brooder should be made to prevent chick mortality due to cold stress. ◆ Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used.
			<ul style="list-style-type: none"> ◆ पोहेलो चार हप्ताहरूमा भानाराजा चल्लाहरू न्यानो अवस्थाम (३२-३३°C) राख्नुहोस ◆ चिसो तनावका कारण कुखुराहरूको मृत्युलाई रोक्न कम गर्नुको लागि सस्तो पशु प्पालन गृह बनाउनु पर्छ । ◆ पशु पालन गृह तापमान कायम गर्नुको लागि लगातार बिजुली प्रयोग गर्नुस र आपतकालिनको लागि सिगार अथवा बुखारा प्रयोग गर्न साकन्छ ।

Agro-Met Advisory member of ICAR-NOFRI and KVK- East Sikkim

Name	Designation	Department
<i>Dr. R. K. Avasthe</i>	Joint Director	Soil Science
<i>Dr. Raghavendra Singh</i>	Senior scientist and Head (I/C)	Agronomy
<i>Dr. P. K. Pathak</i>	SMS	Animal science
<i>Dr. J.K. Singh</i>	SMS	Plant Breeding
<i>Dr. Manoj Kumar</i>	SMS	Agronomy
<i>Sh. Boniface Lepcha</i>	SMS	Horticulture
<i>Sh. Santanu Das</i>	SMS	Agril. Meteorology
<i>Miss Tirtha Kumari Chettri</i>	Met. Observer	Biochemistry

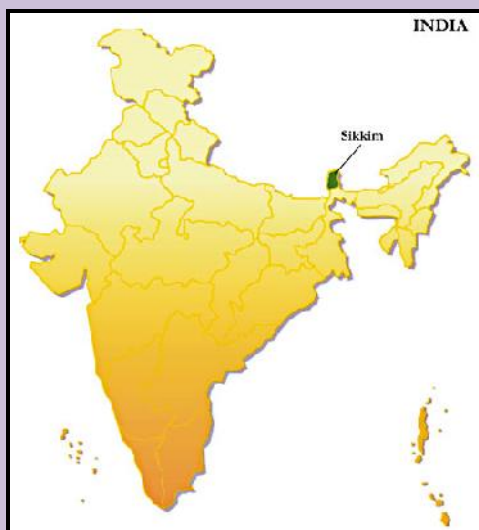


AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF EAST SIKKIM

PERIOD:

30th NOVEMBER' to 4th DECEMBER' 2019

*IMD, GANGTOK IN COLLABORATION WITH ICAR, GANGTOK, FSAD
AND HCCD, GANGTOK*



ISSUED ON 29th November 2019

Meteorological Sub-division of Sikkim

As per India Meteorological Department's classification, Sikkim is a part of Met Sub-Division of Sub Himalayan West Bengal & Sikkim (SHWB & SKM) and is divided into four (4) Districts:

- 1) North District with HQ at Mangan
- 2) East District with HQ at Gangtok
- 3) West District with HQ at Gyalsing
- 4) South District with HQ at Namchi

Issued by: Santanu Das, SMS (Agril. Meteorology), ICAR-KVK, East Sikkim, Ranipool

Value Added forecast for EAST-DISTRICT for next five days

Parameter/Date	30/11/2019	01/12/2019	02/12/2019	03/12/2019	04/12/2019
Rainfall (mm)	No rain	No rain	No rain	Very light rain	Very light rain
Max Temp (°C)	17	16	16	16	15
Min Temp (°C)	11	10	10	10	10
Sky condition	Partially clear	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	88	90	90	91	92
Min RH (%)	72	76	80	82	85
Wind Speed (Kmph)	004	004	003	003	003
Wind Direction (deg)	NE	NE	NE	NE	NE

Northerly- **N**, North-Easterly- **N-E**, Easterly- **E**, South-Easterly- **S-E**, Southerly- **S**, South-Westerly- **S-W**, Westerly- **W**, North-westerly- **N-W**.

Weather for preceding week			
Date	Rainfall	Max. Temp	Min. Temp
26/11/2019	000	17.2	10.5
27/11/2019	000	15.7	10.7
28/11/2019	000	17.6	09.6

Weather forecast valid up to 04th December 2019

- There is a probability of very light rainfall on Tuesday and Wednesday.
- Max temp may be varying from 15-17°C, whereas, Min temp may vary from 10-11 °C
- Sky will remain generally cloudy
- Max RH is likely to be 88-92 %, whereas, Min RH may vary from 72-85 %
- Wind speed may likely vary from 3-4 km/hr.
- Wind direction may blow from northeasterly
- Weekly cumulative rainfall= 003.0 mm

AGRO-METEOREOLOGICAL ADVISORIES

General Advisories for all the crops/ livestock

- Complete the sowing of rabi crops as early as possible before residual soil moisture lost.
- Harvest mature crops before unexpected rain.
- While selecting site for construction of animal shed a site that allows sun light exposure as well as good wind control is preferable.

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<i>Agricultural and Horticultural crops:</i>			
Rice	Harvesting		<ul style="list-style-type: none"> ◆ Drain out water completely 10 days before harvesting. ◆ Harvesting should start when the crops are 80-90% mature ◆ Maintain seed moisture about 8-10 % for storage.
			<ul style="list-style-type: none"> ◆ फसल काटन भन्दा १० दिन पहिले पानी बाहेर निकाल्नुहोस्। ◆ फसल ८०-९०% पाकेको भएपछि फसल काटन सुरु गर्नुस् ◆ बीउ राख्नुको लागि ८-१०% नमि कायम राख्नुहोस्
Rjmash	Pod development		<ul style="list-style-type: none"> ◆ Spray neem oil @ 5ml/liter (1500 ppm) for quality seed production.
			<ul style="list-style-type: none"> ◆ राम्रो सग बीउ उत्पादनको लागि नीमको तेल @ 5 ml/litre (1500 ppm) लगाउनुस्।
Potato	Planting		<ul style="list-style-type: none"> ◆ Potato tubers should be healthy, medium sized and diseased free. ◆ Prepare well seed bad for proper tuberization of potato crop. ◆ Maintain spacing at 50-60 cm × 20-25 cm and select tuber size of 40-50 g ◆ Apply well decompose FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha and neem cake @ 2 t/ha during field preparation.
			<ul style="list-style-type: none"> ◆ आलुका दाना स्वस्थ, मध्यम आकार र रोगमुक्त हुनुपर्दछ। ◆ आलु बीउको उचित tuberization को लागि राम्रासग बार तयार गर्नुहोस्। ◆ 40-50 g आलु को बीउ 50-60 cm × 20-25 cm अन्तरमा राप्नुस्। ◆ पूरा कएको FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha आनि neem cake @ 2 t/ha बार तयार गदा लगाउनुस्।
Field pea	Sowing		<ul style="list-style-type: none"> ◆ Just after harvesting of rice, pea can be grown under zero tillage practice at 30 cm row to row distance with 15 cm plant to plant distance.
			<ul style="list-style-type: none"> ◆ धानका बाला काटन बातक पाछ मटर (zero tillage) शून्य खेतीको अनुसार at 30 cm row to row distance with 15 cm plant to plant distance मा गर्नु साकनछ।

Rapeseed- Mustard/Toria	Sowing		<ul style="list-style-type: none"> ◆ Late variety can be grown at zero/ reduced tillage after rice or maize harvest at residual soil moisture.
			<ul style="list-style-type: none"> ◆ ढला रापन बरुवाहरू धानका वा मकका बालीनाली पछि (zero tillage) शून्य खेतीको अनुसार कम जुताइमा माटामा बाँकी भूमिमा उब्जाउन सकिन्छ ।
Cole crops	Nursery preparation		<ul style="list-style-type: none"> ◆ After transplanting, apply light irrigation at alternate days for better of crop growth. ◆ Apply mulching just after irrigation to conserve soil moisture.
			<ul style="list-style-type: none"> ◆ बरुवा रापपाछ बरुवालाई राम्रा बनाउन २-३ दिनमा हल्का पनिको प्रयोग गर्नुहोस । ◆ माटोको नमी बचाय राख्नु को लागि पनि लगाय पाछ मात्र मलाचग लगाउनुहोस ।
Animal Sciences and livestock management			
Sheep/goat			<ul style="list-style-type: none"> ◆ During winter months special care should be taken for sheep, goat for external parasites.
			<ul style="list-style-type: none"> ◆ जाडो माहेनाहरूमा भेडा र बारगा हरुलाई परजीवीहरू बाटा ब्याउनु लागि विशेष ध्यान राख्नु पर्छ ।
Poultry/chicken			<ul style="list-style-type: none"> ◆ Keep the Vanaraja chicks in warm condition (32-33°C) during the first four weeks. ◆ Low cost brooder should be made to prevent chick mortality due to cold stress. ◆ Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used.
			<ul style="list-style-type: none"> ◆ पाँहेली चार हप्ताहरूमा भानाराजा चलाहरू न्यानो अवस्थामा (३२-३३°C) राख्नुहोस ◆ चिसो तनावका कारण कुखुराहरूको मृत्युलाई रोक्न कम गर्नुको लागि सस्तो पशु प्पालन गृह बनाउनु पर्छ । ◆ पशु पालन गृह तापमान कायम गर्नुको लागि लगातार बिजुली प्रयोग गर्नुस र आपतकालिनको लागि सिगार अथवा बुखारा प्रयोग गर्न सकिन्छ ।

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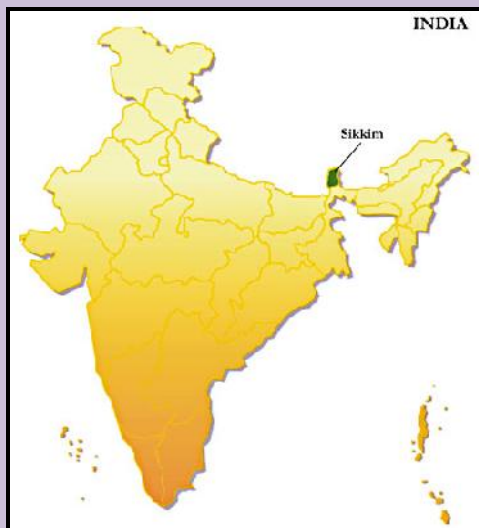


AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF SOUTH SIKKIM

PERIOD:

30th NOVEMBER' to 4th DECEMBER' 2019

*IMD, GANGTOK IN COLLABORATION WITH ICAR, GANGTOK, FSAD
AND HCCD, GANGTOK*



ISSUED ON 29th November 2019

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- 1) North District with HQ at Mangan
- 2) East District with HQ at Gangtok
- 3) West District with HQ at Gyalsing
- 4) South District with HQ at Namchi

Issued by: Santanu Das, SMS (Agril. Meteorology), ICAR-KVK, East Sikkim, Ranipool

Value Added forecast for SOUTH-DISTRICT for next five days

Parameter/Date	30/11/2019	01/12/2019	02/12/2019	03/12/2019	04/12/2019
Rainfall (mm)	No rain	No rain	No rain	No rain	No rain
Max Temp (°C)	20	19	20	20	19
Min Temp (°C)	11	11	10	10	10
Sky condition	Partially clear	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	85	87	85	89	90
Min RH (%)	65	68	69	70	73
Wind Speed (Kmph)	004	003	003	002	002
Wind Direction (deg)	NE	NE	NE	NE	NE

Northerly- **N**, North-Easterly- **N-E**, Easterly- **E**, South-Easterly- **S-E**, Southerly- **S**, South-Westerly- **S-W**, Westerly- **W**, North-westerly- **N-W**.

Weather for preceding week			
Date	Rainfall	Max. Temp	Min. Temp
	(mm)	(°C)	(°C)
26/11/2019	N/A	20.3	11.3
27/11/2019	N/A	21.0	11.5
28/11/2019	N/A	21.5	10.5

Weather forecast valid up to 04th December 2019

- There will be no rainfall
- Max temp may be varying from 19-20°C, whereas, Min temp may vary from 10-11°C
- Sky will remain generally cloudy.
- Max RH is likely to be 85-90 %, whereas, Min RH may vary from 65-73 %
- Wind speed may likely vary from 2-4 km/hr.
- Wind direction may blow from northeasterly direction
- Weekly cumulative rainfall= 000.0 mm

AGRO-METEOREOLOGICAL ADVISORIES

General Advisories for all the crops/ livestock

- Complete the sowing of rabi crops as early as possible before residual soil moisture lost.
- Harvest mature crops before unexpected rain.
- While selecting site for construction of animal shed a site that allows sun light exposure as well as good wind control is preferable

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<i>Agricultural and Horticultural crops:</i>			
Rice	Harvesting		<ul style="list-style-type: none"> ◆ Drain out water completely 10 days before harvesting. ◆ Harvesting should start when the crops are 80-90% mature ◆ Maintain seed moisture about 8-10 % for storage.
			<ul style="list-style-type: none"> ◆ फसल काटन भन्दा १० दिन पाहेले पानी बाहेर निकाल्नुहोस्। ◆ फसल ८०-९०% पाकेको भएपछि फसल काटन सुरु गर्नुस् ◆ बीउ राख्नुको लागि ८-१०% नमि कायम राख्नुहोस्।
Rjmash	Pod development		<ul style="list-style-type: none"> ◆ Spray neem oil @ 5ml/liter (1500 ppm) for quality seed production.
			<ul style="list-style-type: none"> ◆ राम्रो सग बीउ उत्पादनको लागि नीमको तेल @ 5 ml/litre (1500 ppm) लगाउनुस्।
Potato	Planting		<ul style="list-style-type: none"> ◆ Potato tubers should be healthy, medium sized and diseased free. ◆ Prepare well seed bad for proper tuberization of potato crop. ◆ Maintain spacing at 50-60 cm × 20-25 cm and select tuber size of 40-50 g ◆ Apply well decompose FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha and neem cake @ 2 t/ha during field preparation.
			<ul style="list-style-type: none"> ◆ आलुका दाना स्वस्थ, मध्यम आकार र रोगमुक्त हुनुपर्दछ। ◆ आलु बीउको उचित tuberization को लागि राम्रासग बार तयार गर्नुहोस्। ◆ 40-50 g आलु को बीउ 50-60 cm × 20-25 cm अन्तरमा राप्नुस्। ◆ पूरा कएको FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha आनि neem cake @ 2 t/ha बार तयार गदा लगाउनुस्।
Field pea	Sowing		<ul style="list-style-type: none"> ◆ Just after harvesting of rice, pea can be grown under zero tillage practice at 30 cm row to row distance with 15 cm plant to plant distance.
			<ul style="list-style-type: none"> ◆ धानका बाला काटन बातक पाछ मटर (zero tillage) शून्य खेतीको अनुसार at 30 cm row to row distance with 15 cm plant to plant distance मा गर्नु साकनछ।

Rapeseed- Mustard/Toria	Sowing		<ul style="list-style-type: none"> ◆ Late variety can be grown at zero/ reduced tillage after rice or maize harvest at residual soil moisture.
			<ul style="list-style-type: none"> ◆ ढला रापन बरुवाहरू धानका वा मकका बालीनाली पछि (zero tillage) शून्य खेतीको अनुसार कम जुताइमा माटामा बाँकी भए-नमिमा उब्जाउन सकिन्छ ।
Cole crops	Nursery preparation		<ul style="list-style-type: none"> ◆ After transplanting, apply light irrigation at alternate days for better of crop growth. ◆ Apply mulching just after irrigation to conserve soil moisture.
			<ul style="list-style-type: none"> ◆ बरुवा रापपाछ बरुवालाइ राम्रा बनाउन २-३ दिनमा हल्का पानिको प्रयोग गर्नुहोस। ◆ माटोको नमी बचाय राख्नु को लागि पानि लगाय पाछ मात्र मलाचग लगाउनुहास।
Animal Sciences and livestock management			
Sheep/goat			<ul style="list-style-type: none"> ◆ During winter months special care should be taken for sheep, goat for external parasites.
			<ul style="list-style-type: none"> ◆ जाडो माहेनाहरूमा भेडा र बाख्रा हरुलाई परजीवीहरू बाटा ब्याउनु लागि विशेष ध्यान राख्नु पर्छ।
Poultry/chicken			<ul style="list-style-type: none"> ◆ Keep the Vanaraja chicks in warm condition (32-33⁰C) during the first four weeks. ◆ Low cost brooder should be made to prevent chick mortality due to cold stress. ◆ Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used.
			<ul style="list-style-type: none"> ◆ पाँहेली चार हप्ताहरूमा भानाराजा चलाहरू न्यानो अवस्थामा (३२-३३°C) राख्नुहोस ◆ चिसो तनावका कारण कुखुराहरूको मृत्युलाई रोक्न कम गर्नुको लागि सस्तो पशु प्पालन गृह बनाउनु पर्छ। ◆ पशु पालन गृह तापमान कायम गर्नुको लागि लगातार बिजुली प्रयोग गर्नुस र आपतकालिनको लागि सिगार अथवा बुखारा प्रयोग गर्न सकिन्छ।

Name	Designation	Department
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<i>Miss Tirtha Kumari Chettri</i>	Met. Observer	Biochemistry

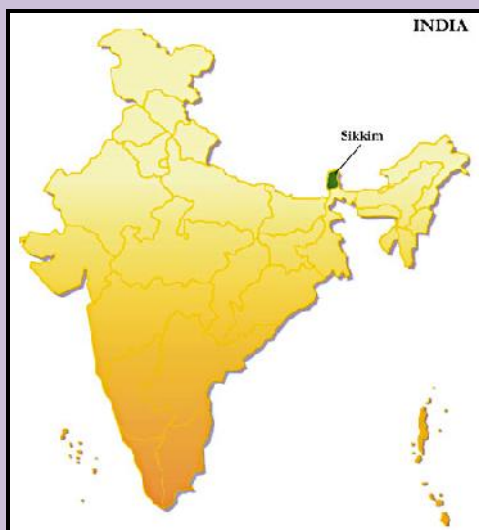


AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF WEST SIKKIM

PERIOD:

30th NOVEMBER' to 4th DECEMBER' 2019

*IMD, GANGTOK IN COLLABORATION WITH ICAR, GANGTOK, FSAD
AND HCCD, GANGTOK*



ISSUED ON 29th November 2019

Meteorological Sub-division of Sikkim

As per India Meteorological Department's classification, Sikkim is a part of Met Sub-Division of Sub Himalayan West Bengal & Sikkim (SHWB & SKM) and is divided into four (4) Districts:

- 1) North District with HQ at Mangan
- 2) East District with HQ at Gangtok
- 3) West District with HQ at Gyalsing
- 4) South District with HQ at Namchi

Issued by: Santanu Das, SMS (Agril. Meteorology), ICAR-KVK, East Sikkim, Ranipool

Value Added forecast for WEST-DISTRICT for next five days

Parameter/Date	30/11/2019	01/12/2019	02/12/2019	03/12/2019	04/12/2019
Rainfall (mm)	No rain	No rain	No rain	No rain	No rain
Max Temp ($^{\circ}\text{C}$)	18	17	18	17	17
Min Temp ($^{\circ}\text{C}$)	10	10	10	11	10
Sky condition	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	86	90	88	90	91
Min RH (%)	66	71	69	70	74
Wind Speed (Kmph)	004	004	004	003	004
Wind Direction (deg)	NW	NW	NW	NW	NW

Northerly- **N**, North-Easterly- **N-E**, Easterly- **E**, South-Easterly- **S-E**, Southerly- **S**, South-Westerly- **S-W**, Westerly- **W**, North-westerly- **N-W**.

Weather for preceding week			
Date	Rainfall	Max. Temp	Min. Temp
	(mm)	($^{\circ}\text{C}$)	($^{\circ}\text{C}$)
26/11/2019	000	N/A	N/A
27/11/2019	N/A	N/A	N/A
28/11/2019	N/A	N/A	N/A

Weather forecast valid up to 04th December 2019

- Probability of no rainfall
- Max temp may be varying from 17-18 $^{\circ}\text{C}$, whereas, Min temp may vary from 10-11 $^{\circ}\text{C}$
- Sky will remain generally cloudy.
- Max RH is likely to be 86-91 %, whereas, Min RH may vary from 66-74 %
- Wind speed may likely vary from 3-4 km/hr.
- Wind direction may blow from northwesterly.
- Weekly cumulative rainfall= 000.0 mm

AGRO-METEOROLOGICAL ADVISORIES

General Advisories for all the crops/ livestock (English)

- ➡ Complete the sowing of rabi crops as early as possible before residual soil moisture lost.
- ➡ Harvest mature crops before unexpected rain.
- ➡ While selecting site for construction of animal shed a site that allows sun light exposure as well as good wind control is preferable

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<i>Agricultural and Horticultural crops:</i>			
Rice	Harvesting		<ul style="list-style-type: none">◆ Drain out water completely 10 days before harvesting.◆ Harvesting should start when the crops are 80-90% mature◆ Maintain seed moisture about 8-10 % for storage.
			<ul style="list-style-type: none">◆ फसल काटन भन्दा १० दिन पाहेले पानी बाहेर निकाल्नुहोस्।◆ फसल ८०-९०% पोकेको भएपछि फसल काटन सुरु गर्नुस्◆ बीउ राख्नुको लागि ८-१०% नमि कायम राख्नुहोस्।
Rjmath	Pod development		<ul style="list-style-type: none">◆ Spray neem oil @ 5ml/liter (1500 ppm) for quality seed production.
			<ul style="list-style-type: none">◆ राम्रो सुग बीउ उत्पादनको लागि नीमको तेल @ 5 ml/litre (1500 ppm) लगाउनुस्।
Potato	Planting		<ul style="list-style-type: none">◆ Potato tubers should be healthy, medium sized and diseased free.◆ Prepare well seed bed for proper tuberization of potato crop.◆ Maintain spacing at 50-60 cm × 20-25 cm and select tuber size of 40-50 g◆ Apply well decompose FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha and neem cake @ 2 t/ha during field preparation.
			<ul style="list-style-type: none">◆ आलुका टुपना स्वस्थ, मध्यम आकार र रोगमुक्त हुनुपर्दछ।◆ आलु बीउको उचित tuberization को लागि राम्रोसँग बार तयार गर्नुहोस्।◆ 40-50 g आलु को बीउ 50-60 cm × 20-25 cm अन्तरमा राप्नुस्।◆ पूरा कएको FYM or compost @ 15 t/ha + vermicompost @ 3 t/ha आनी neem cake @ 2 t/ha बार तयार गदा लगाउनुस्।
Field pea	Sowing		<ul style="list-style-type: none">◆ Just after harvesting of rice, pea can be grown under zero tillage practice at 30 cm row to row distance with 15 cm plant to plant distance.
			<ul style="list-style-type: none">◆ धानका बाला काटन बात्तक पाछ मटर (zero tillage) शून्य खेतीको अनुसार at 30 cm row to row distance with 15 cm plant

			to plant distance मा गर्नु साकन्छ ।
Rapeseed- Mustard/Toria	Sowing		<ul style="list-style-type: none"> ◆ Late variety can be grown at zero/reduced tillage after rice or maize harvest at residual soil moisture.
			<ul style="list-style-type: none"> ◆ ढिला रापन बरुवाहरू नको वा मकैको बालीनाली पछि (zero tillage) शुन्य खताका अनुसार कम जुताइमा माटामा बाँकी भएको नमिमै उब्जाउन सकिन्छ ।
Cole crops	Nursery preparation		<ul style="list-style-type: none"> ◆ After transplanting, apply light irrigation at alternate days for better of crop growth. ◆ Apply mulching just after irrigation to conserve soil moisture.
			<ul style="list-style-type: none"> ◆ बरुवा रापपाछ बरुवालाइ राम्रा बनाउन २-३ दिनमा हल्का पानिको प्रयोग गर्नुहोस् । ◆ माटोको नमी बचाय राख्नु को लागि पानि लगाय पाछ मात्र मलाचग लगाउनुहोस् ।
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			<ul style="list-style-type: none"> ◆ पोहेलो चार हप्ताहरू भानाराजा चल्लाहरू न्यानो अवस्थाम (३२-३३°C) राख्नुहोस् ◆ चिसो तनावका कारण कुखुराहरूको मृत्युलाई रोक्न कम गर्नुको लागि सस्तो पशु प्पालन गृह बनाउनु पर्छ । ◆ पशु पालन गृह तापमान कायम गर्नुको लागि लगातार बिजुली प्रयोग गर्नुस र आपतकालिनको लागि सिगार अथवा बुखारा प्रयोग गर्न साकन्छ ।

Agro-Met Advisory member of ICAR-NOFRI and KVK- East Sikkim

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