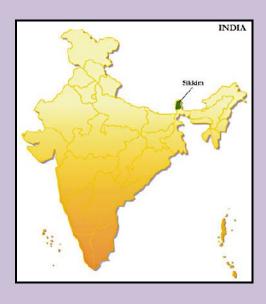


# AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF NORTH SIKKIM

#### **PERIOD:**

#### 4th MARCH to 8th MARCH' 2020

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





#### ISSUED ON 3rd March 2020

#### 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

#### **Value Added forecast for NORTH-DISTRICT for next five days**

Parameter/Date	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall (mm)	Light rainfall				
Max Temp ( <sup>0</sup> C)	18	18	18	19	17
Min Temp ( <sup>0</sup> C)	10	10	10	10	09
Sky condition	Generally cloudy				
Max RH (%)	92	92	93	92	93
Min RH (%)	77	77	82	81	82
Wind Speed (KmpH)	003	002	004	003	004
Wind Direction (deg)	SE	SE	SE	SE	SE

Northerly- N, North-Easterly- E, South-Easterly- S, South-Westerly- S, South-Westerly- N, Westerly- N, Wester

W	Weather for preceding week				
Date	Date Rainfall Max. Temp Min. Temp				
	(mm)	(°C)	(°C)		
29-2-2020	000	23.4	09.2		
1-3-2020	000	N/A	10.6		
2-3-2020	010	19.5	N/A		

- > There is probability of light rainfall on coming days.
- Max temp may be varying from 17-19°C, whereas, Min temp may vary from 9-10°C
- > Sky will remain generally cloudy.
- Max RH is likely to be 92-93%, whereas, Min RH may vary from 77-82 %
- > Wind speed may likely vary from 2-4 km/hr.
- > Wind direction may blow from southeasterly direction
- > Weekly cumulative rainfall= 017.0 mm

#### AGRO-METEREOLOGICAL ADVISORIES

## General Advisories for all the crops/livestock

Apply irrigation if temperature falls down below 4-5°C. If dry spell prevails longer time, irrigate the field to keep moist.

While selecting site for construction of animal shed, allows sun light exposure as well as wind is preferable.

4 Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.

↓ सिँचाइ लागू गर्नुहोस यदि तापक्रम ४-५ डिग्री सेल्सियस तल झरेपिछ।
↓ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चिसो

🖶 जेनावैरहरूको निर्माणको लागि जगा छानदा सूर्य प्रकाशका साथै राम्रो हावा नियन्त्रन हने हेर्नुस्

🖺 ख्रेती मा पानी संरक्षण गरनको लागि तकनिक गरेर राख्नपर्छ: यदयपि तरकारी बालीका लागि

Name of the	Stage	Cultural practices/	Agro-Met Advisories
crop/Animal		Pest/ Diseases	
	Agric	cultural and Horticult	ural crops:
Potato	Vegetative stage		■ Avoid water stagnation.  Irrigate the crop to maintain the available soil moisture (ASM) at about 75 %.  To protect the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The stage of the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The stage of th
Field pea	Fruiting		■ Soil moisture should be maintained for good growth and yield. ■ One or two light and uniform irrigation should be given at flowering and fruiting stage.  ◎ माहाका नाम रेण क्यू कर रनपदनका लाग कायम गर्नपदछ।  ◎ एक वा दई हल्का र एकसमान सिंचाड फूल र फलफूल चरणमा दिन पर्छ।
Rapeseed- Mustard/Toria	Fruiting		■ Irrigation at pod formation stage is required. ■ In Sikkim condition mulching materials like maize stover and rice straw can be used to conserve soil moisture. ■ For management of aphid, spray neem

		oil (1500 ppm) @ 4ml/l.  ■ Mature pods should be harvested at bright sunny days.
		🖶 फल लाग्ने बेलामा पानि लगाउन्
		आवश्यक छ। • सिक्किमको अवस्थामा मकै को ूः
		(स्केको) र चामल पराल जस्ता मलिचेंग सामग्रीहरू माटोको ओस संरक्षण गर्न
		सामग्राहरू माटाका आस सरक्षण गर्न प्रयोग गर्न सकिन्छ।
		🖶 एफिडको व्यवस्थापनका लागि.
		नीमको तेल ( 1500 पीपीपास). 🎮 🏭 🖽
		📥 पाकेको फलहरू चर्केको घ
	TT 10	लागेको दिनमा काट्न्पर्दछ। During head initiation and
Cole crops	Head formation	development stages proper soil
		moisture should be maintained.  Being a shallow crops earthing up
		must be carried on cole crops.  Avoid stagnant water in the field.
		च्या प्रस्क प्रमुख प्रमुख क्ष्मिक्त क्ष्मिक्त का
		राख्नुपर्देख।
		राख्नपर्दछ।  कोल बालीहरू (cabbage cauliflower and broccoli)या, न. दिउसी वा बिहान
		सबैरे उठाउन पूर्व।  बहुत जुरा बाली भएको कोल बालीमा माटी उठाएर लगाउन पूर्छ।
		माटो उठाएर लगाउन पर्छ।
	Anim	खेतमा ज़ामेको पानीलाई हटानुश। al Sciences and livestock management
Sheep/goat		During winter months special care
Sheep/goat		should be taken for sheep, goat for
		external parasites.
		<ul> <li>जाडो मिहनाहरूमा भेडा र बाखा हरुलाई</li> </ul>
		परजीवीहरू बाटा ब्चाउनु लागि विशेष
		ध्यान राख्नु पर्छ।
Poultry/chicken		♦ 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> <li></li></ul>
		राख्नुहोस
		<ul> <li>चिसो तनावका कारण क्खराहरूको मृत्युलाई रोक्न कम गर्नुको लागि सस्तो</li> </ul>
		पंशु प्पालन गृह बनाउनु पर्छ।
		<ul> <li>पशै पालन गृह तापमौन कायम गर्नको लाग लगातार बिज्ली प्रयोग गर्नस </li> </ul>
		आपतकालिनको लागि सिगरि अथबा ब्खारी प्रयोग गर्न सकिन्छ।
		प्रयोग गर्ने सिकेन्छ।

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

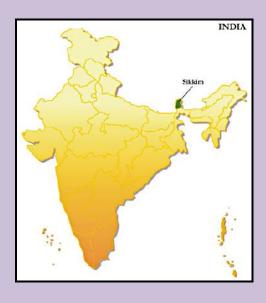
Name	Designation	Department
Dr. R. K. Avasthe	Joint Director	Soil Science
Dr. Raghavendra Singh	Senior scientist and Head (I/C)	Agronomy
Dr. P. K. Pathak	SMS	Animal science
Dr. J.K. Singh	SMS	Plant Breeding
Dr. Manoj Kumar	SMS	Agronomy
Sh. Santanu Das	SMS	Agril. Meteorology
Miss Tirtha Kumari Chettri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



### AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF EAST SIKKIM **PERIOD:**

#### 4th MARCH to 8th MARCH' 2020

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





#### ISSUED ON 3rd March 2020

#### Meteorological Sub-division of Sikkim

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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

#### **Value Added forecast for EAST-DISTRICT for next five days**

Parameter/Date	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall (mm)	Light rainfall	Light rainfall	Very light rainfall	Light rainfall	Light rainfall
Max Temp ( <sup>0</sup> C)	15	15	15	16	14
Min Temp ( <sup>0</sup> C)	08	08	08	08	07
Sky condition	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	90	92	92	90	93
Min RH (%)	71	80	80	75	82
Wind Speed (KmpH)	003	003	002	002	003
Wind Direction (deg)	NE	NE	NE	NE	NE

Northerly- N, North-Easterly- E, South-Easterly- S, South-Westerly- S, South-Westerly- N, Westerly- N, Wester

Weather for preceding week					
Date	Date Rainfall Max. Temp Min. Temp				
	(mm)	(°C)	(°C)		
29-2-2020	000	17.2	06.0		
1-3-2020	000	17.2	08.2		
2-3-2020	031	14.6	08.1		

- > There is probability of light rainfall on coming days.
- Max temp may be varying from 14-16°C, whereas, Min temp may vary from 7-8°C
- > Sky will remain generally cloudy.
- Max RH is likely to be 90-92%, whereas, Min RH may vary from 71-82 %
- > Wind speed may likely vary from 2-3 km/hr.
- > Wind direction may blow from northeasterly direction
- > Weekly cumulative rainfall= 015.0 mm

#### AGRO-METEREOLOGICAL ADVISORIES

## General Advisories for all the crops/livestock

Apply irrigation if temperature falls down below 4-5°C. If dry spell prevails longer time, irrigate the field to keep moist.

While selecting site for construction of animal shed, allows sun light exposure as well as wind is preferable.

4 Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.

↓ सिँचाइ लागू गर्नुहोस यदि तापक्रम ४-५ डिग्री सेल्सियस तल झरेपिछ।
↓ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चिसो

🖶 जेनावैरहरूको निर्माणको लागि जगा छानदा सूर्य प्रकाशका साथै राम्रो हावा नियन्त्रन हने हेर्नुस्

🖺 ख्रेती मा पानी संरक्षण गरनको लागि तकनिक गरेर राख्नपर्छ: यदयपि तरकारी बालीका लागि

Name of the	Stage	Cultural practices/	Agro-Met Advisories
crop/Animal		Pest/ Diseases	
	Agric	cultural and Horticult	ural crops:
Potato	Vegetative stage		Avoid water stagnation.  Irrigate the crop to maintain the available soil moisture (ASM) at about 75 %.  To protect the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The supply of the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The supply of the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The supply of the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.  The supply of the potato from chilling injury apply light irrigation on it.  Infected plants with late blight disease must be removed and destroyed as soon as detected.  Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.
Field pea	Fruiting		■ Soil moisture should be maintained for good growth and yield. ■ One or two light and uniform irrigation should be given at flowering and fruiting stage.  ■ महाका जीम उत्पार कर र न्यादनका लागि कायम गर्नेपदेछ।  ● एक वा दई हल्का र एकसमान सिंचाड फूल र फलेफूल चरणमा दिन् पर्छ।
Rapeseed- Mustard/Toria	Fruiting		■ Irrigation at pod formation stage is required. ■ In Sikkim condition mulching materials like maize stover and rice straw can be used to conserve soil moisture. ■ For management of aphid, spray neem

			oil (1500 ppm) @ 4ml/l.  ■ Mature pods should be harvested bright sunny days.
			🖶 फल लाग्ने बेलामा पानि लगाउन्
			आवश्यक छ।
			(सुकेको) र चामल पराल जस्ता मलचिंग
			सामग्रीहरू माटोको ओस संरक्षण व प्रयोग गर्न सकिन्छ।
			🖶 एफिडको व्यवस्थापनका ला
			नीमको तेल ( 1500 पीपीएम) @ 48 मिले / एल स्प्रे गर्नुहोस्
			🖶 पाकेको फलहरू चर्केको ६
	** 10		लागेको दिनमा काट्न्पर्दछ।
Cole crops	Head formation		development stages proper so
			moisture should be maintained.  Being a shallow crops earthing
			must be carried on cole crops.  Avoid stagnant water in the field.
			चरणहरूमा. माटोको उचित नमी कायम
			राखनपदछ।
			and broccoli)या, त. दिउसो वा बिहा
			and broccoli)या ते दिउसी वा बिहा सबेरे उद्घाउन पहुँछ। 4 हल्का जरा, बाली अधको कोन बालीमा
			माटा उठाएर लगाउनु पृछ।
	Anim	al Sciences and livestock ma	खेतमा ज़ामेको पानीलाई हटानुश।
C1 /	7		
Sheep/goat			During winter months special ca should be taken for sheep, goat f
			external parasites.
			<ul> <li>जाडो महिनाहरूमा भेडा र बाखा हरुल</li> </ul>
			परजीवीहरू बाटा ब्चाउनु लागि विशे
			ध्यान राख्नु पर्छ।
Poultry/chicken			Keep the Vanaraja chicks in war
			condition (32-33°C) during the fine four weeks.
			Low cost brooder should be made
			prevent chick mortality due to co stress.
			Maintain brooding temperatu
			through continuous electricity supp and for emergency Sigiri/Bukhari c
			be used.
			<ul> <li>पहिलो चार हप्ताहरूमा भानाराः चल्लाहरू न्यानो अवस्थामा (३२-३३०)</li> </ul>
			राख्नुहोस
			<ul> <li>चिसो तनावका कारण कुखराहरू मृत्युलाई रोक्न कम गर्नुको लगि सस्</li> </ul>
			पश प्राचन गर ननारन पर्छ।
			<ul> <li>पश पालन गृह तापमान कायम गर्नेच वाणि व्याप्ता विज्ञती प्रयोग सर्वेच</li> </ul>
			<ul> <li>पश पालन गृह बनाउनु पठा</li> <li>पश पालन गृह तापमान कायम गर्न् लाग लगातार बिज्ली प्रयोग गर्न्स आपतकालिनको लागि सिगिर अथबा ब्खा प्रयोग गर्न सिकन्छ।</li> </ul>
			प्रयोग गर्न सिकेन्छ।

#### Agro-Met Advisory member of ICAR-NOFRI and KVK- East Sikkim Name **Designation Department Soil Science Joint Director** Dr. R. K. Avasthe Dr. Raghavendra Singh Senior scientist Agronomy and Head (I/C) Dr. P. K. Pathak **SMS** Animal science Dr. J.K. Singh SMS Plant Breeding

Agronomy

Horticulture

Agril. Meteorology

Biochemistry

SMS

SMS

SMS

Met. Observer

Dr. Manoj Kumar

Sh. Boniface Lepcha

Miss Tirtha Kumari Chettri

Sh. Santanu Das



# AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF SOUTH SIKKIM

#### **PERIOD:**

#### 4th MARCH to 8th MARCH' 2020

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





#### ISSUED ON 3rd March 2020

### 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

#### **Value Added forecast for SOUTH-DISTRICT for next five days**

Parameter/Date	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall (mm)	No rain	Light rainfall	Very light rainfall	Very light rainfall	Very light rainfall
Max Temp ( <sup>0</sup> C)	18	18	17	19	16
Min Temp ( <sup>0</sup> C)	08	08	07	09	07
Sky condition	5	6	5	5	6
Max RH (%)	85	91	90	90	91
Min RH (%)	75	78	76	76	78
Wind Speed (KmpH)	004	003	004	004	004
Wind Direction (deg)	NE	NE	NE	NE	NE

Northerly- N, North-Easterly- E, South-Easterly- S, South-Westerly- S, South-Westerly- N, Westerly- N, North-westerly- N, North

Weather for preceding week				
Date	Date Rainfall Max. Temp Min. Temp			
	(mm)	(°C)	(°C)	
29-2-2020	N/A	20.4	09.3	
1-3-2020	N/A	N/A	10.3	
2-3-2020	N/A	19.9	N/A	

- There is probability of very light rainfall on coming days.
- Max temp may be varying from 16-19°C, whereas, Min temp may vary from 7-9°C
- > Sky will remain generally cloudy.
- Max RH is likely to be 85-91 %, whereas, Min RH may vary from 75-78 %
- > Wind speed may likely vary from 3-4 km/hr.
- > Wind direction may blow from northerly direction
- > Weekly cumulative rainfall= 009.0 mm

#### AGRO-METEREOLOGICAL ADVISORIES

#### General Advisories for all the crops/livestock

Apply irrigation if temperature falls down below 4-5°C. If dry spell prevails longer time, irrigate the field to keep moist.

While selecting site for construction of animal shed, allows sun light exposure as well as wind is preferable.

4 Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.

↓ सिँचाइ लागू गर्नुहोस यदि तापक्रम ४-५ डिग्री सेल्सियस तल झरेपिछ।
↓ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चिसो

🖶 जनावरहरूको निर्माणको लागि जगा छानदा सूर्य प्रकाशका साथै राम्रो हावा नियन्त्रन हुने हेर्नुस्

🖺 खेती मा पानी संरक्षण गरनको लाग तकनिक गरेर राख्नपर्छ: यदयपि तरकारी बालीका लाग

	ो स्रोत उपलब्ध ह		Agno Mot Advisorios
Name of the	Stage	Cultural practices/	Agro-Met Advisories
crop/Animal		Pest/ Diseases	
	Agric	cultural and Horticultu	ural crops:
Potato	Vegetative		Avoid water stagnation.
	stage		■ Irrigate the crop to maintain the available soil moisture (ASM) at about 75 %.
			■ To protect the potato from chilling injury apply light irrigation on it.
			Infected plants with late blight disease must be removed and destroyed as
			soon as detected.
			Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.
			<ul> <li>♥ पाना जामन बाट जागाउन्होंस्।</li> <li>♦ बालीमा सिंचाइ गर्नुहोस र उपलब्ध</li> </ul>
			माटोंको नीमें (ASM) लाई ७५% मा
			कायम राख्न्होस् अञ्चलार्ड्ड, जारोबाट ्बचाउन यसमा
			हल्का सिचाई लगाउनुहोस्। े लेटब्लइट रोग सक्रमित हन् ब्रिटित्कै
			आल पेत्ता लाई हटाउन र नेष्ट गरदीन पर्दछ।
			<ul> <li>लेट ब्लाईट रोग नियन्त्रण गर्ने</li> </ul>
			7-10 दिनको मध्यान्तरमा ब्लिटक्स @ 2.5 g/l स्प्रे गर्नुहोस्
Field pea	Fruiting		Soil moisture should be maintained for good growth and yield.
			One or two light and uniform irrigation should be given at flowering
			and fruiting stage.
			<ul> <li>भाराका नीम स्थान कर र र-पादनका लागि कायम् गर्नपदछ।</li> </ul>
			<ul> <li>एक वा दई हल्का र एकसमान सिंचाइ</li> <li>फूल र फलफुल चरणमा दिन पर्छ।</li> </ul>
Rapeseed-	Fruiting		■ Irrigation at pod formation stage is required.
Mustard/Toria			■ In Sikkim condition mulching
			materials like maize stover and rice straw can be used to conserve soil
			moisture.
			For management of aphid, spray neem

		oil (1500 ppm) @ 4ml/l.  ■ Mature pods should be harvested at bright sunny days.
		<ul> <li>सिक्किमको अवस्थामा मकै को ।</li> <li>(सुकेको) र चामल पराल जस्ता मलिंग</li> </ul>
		सामग्रीहरू माटोको ओस संरक्षण ग प्रयोग गूर्न सिकन्छ।
		मिले / एल स्प्रे गर्नुहोस्  पानेको फ़लहरू चर्केको ६ लागेको दिनमा काटनुपर्दछ।
Cole crops	Head formation	During head initiation and development stages proper soil
		moisture should be maintained.  Being a shallow crops earthing up must be carried on cole crops.
		must be carried on cole crops. Avoid stagnant water in the field.  प्रमुख ग्रेस्स क्रम्म र मिरास्स वर्णहरूमा माटोको उचित नमी कायम
		राख्नुपर्देख।  which sicial side of the s
		and broccoli)या. त. 143सा वा 1बहान संबर उठाउन् पर्छ! ब हल्का जरा बाली भएको कोल बालीमा माटो उठाएर लगाउनू पृछ।
		खेतमा ज़ामेको पानीलाई हटानुश।
	Anima	nal Sciences and livestock management
Sheep/goat		During winter months special care should be taken for sheep, goat for external parasites.
		<ul> <li>जाडो महिनाहरूमा भेडा र बाख्रा हरुलाई</li> </ul>
		परजीवीहरू बाटा ब्चाउनु लागि विशेष
		ध्यान राख्नु पर्छ।
Poultry/chicken		
		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> <li></li></ul>
		राख्न्होस चिसो तनावका कारण कुखुराहरूको
		मृत्युलाई रोक्न कम गर्नुको लेगि सस्तो पशु प्पालन गृह बनाउनु पर्छ।
		<ul> <li>पशे पालन गृह तापमान कायम गर्नको लाग लगातार बिज्ली प्रयोग गर्नस ।</li> <li>भापनकावनको तामि प्रयोग भगना बनागी</li> </ul>
		आपतकालिनको लागि सिगरि अथबा ब्खारी प्रयोग गर्न सिकन्छ।

#### Agro-Met Advisory member of ICAR-NOFRI and KVK- East Sikkim Name **Designation Department Soil Science Joint Director** Dr. R. K. Avasthe Dr. Raghavendra Singh Senior scientist Agronomy and Head (I/C) Dr. P. K. Pathak **SMS** Animal science Dr. J.K. Singh SMS Plant Breeding

Agronomy

Horticulture

Agril. Meteorology

Biochemistry

SMS

SMS

SMS

Met. Observer

Dr. Manoj Kumar

Sh. Boniface Lepcha

Miss Tirtha Kumari Chettri

Sh. Santanu Das



# AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF WEST SIKKIM

#### **PERIOD:**

#### 4th MARCH to 8th MARCH' 2020

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





#### ISSUED ON 3rd March 2020

### 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

#### **Value Added forecast for WEST-DISTRICT for next five days**

Parameter/Date	04/03/2020	05/03/2020	06/03/2020	07/03/2020	08/03/2020
Rainfall (mm)	No rain	Light rainfall	Very light rain	Very light rain	Very light rain
Max Temp ( <sup>0</sup> C)	18	18	17	19	16
Min Temp ( <sup>0</sup> C)	08	08	07	09	07
Sky condition	Generally cloudy				
Max RH (%)	85	91	90	90	91
Min RH (%)	75	78	76	76	78
Wind Speed (KmpH)	004	003	004	004	004
Wind Direction (deg)	NE	NE	NE	NE	NE

Northerly- N, North-Easterly- E, South-Easterly- S, South-Westerly- S, South-Westerly- N, Westerly- N, Wester

Weather for preceding week				
Date	Rainfall	Max. Temp	Min. Temp	
	(mm)	(°C)	(°C)	
29-2-2020	000	20.5	08.2	
1-3-2020	000	N/A	09.3	
2-3-2020	002	17.7	N/A	

- There is probability of very light rainfall on coming days.
- Max temp may be varying from 16-19°C, whereas, Min temp may vary from 7-9°C
- > Sky will remain generally cloudy.
- Max RH is likely to be 85-91 %, whereas, Min RH may vary from 75-78 %
- > Wind speed may likely 3-4 km/hr.
- > Wind direction may blow from northeasterly.
- > Weekly cumulative rainfall= 011.0 mm

#### <u>AGRO-METEREOLOGICAL ADVISORIES</u>

#### General Advisories for all the crops/livestock

Apply irrigation if temperature falls down below 4-5°C.

If dry spell prevails longer time, irrigate the field to keep moist.

While selecting site for construction of animal shed, allows sun light exposure as well as wind is preferable.

Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.

↓ सिँचाइ लागू गर्नुहोस यदि तापक्रम ४-५ डिग्री सेल्सियस तल झरेपिछ। ↓ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चिसो

राख्नुहीस। जनावरहरूको निर्माणको लागि जगा छानदा सूर्य प्रकाशका साथै रामो हावा नियन्त्रन हुने हेर्नुस्

👃 🖟 ख़े.ती मा पानी संरक्षण गरनुको लागि तकनिक गरेर राख्नुपर्छः यदयपि तरकारी बालीका लागि

सिंचाइको दोर	मो स्रोत उपलब्ध ह	3 '			
Name of the	Stage	Cultural practices/	Agro-Met Advisories		
crop/Animal		Pest/ Diseases			
Agricultural and Horticultural crops:					
Potato	Vegetative stage		■ Avoid water stagnation. ■ Irrigate the crop to maintain the available soil moisture (ASM) at about 75 %. ■ To protect the potato from chilling injury apply light irrigation on it. ■ Infected plants with late blight disease must be removed and destroyed as soon as detected. ■ Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease. ■ जाता जाता कार्या कार्या कार्या माटोको निम् (SM) जाई ७ ५% मा माटोको निम् (SM) जाई ७ ५% माटोको निम् (SM) जाई ७		
Field pea	Fruiting		Soil moisture should be maintained for good growth and yield.  One or two light and uniform irrigation should be given at flowering and fruiting stage.		
Rapeseed-	Fruiting				
Mustard/Toria			<ul> <li>In Sikkim condition mulching materials like maize stover and rice straw can be used to conserve soil moisture.</li> <li>For management of aphid, spray neem oil (1500 ppm) @ 4ml/l.</li> </ul>		

			_	Materia in all alternations at all at
				Mature pods should be harvested at bright sunny days.
			+	फल लाग्ने बेलामा पानि लगाउन्
				आवश्यक छ।
			-	सिक्किमको अवस्थामा मकै को बोट
				(स्केको) र चामल पराल जस्ता मलिया । सामग्रीहरू माटोको ओस संरक्षण गर्न
				प्रयोग गर्न सिकन्छ।
			4	एफिडको व्यवस्थापनका लागि,
				नीमको तेन्न ( 1500 पीप्रीग्रस्). A. A
				मिल / एल स्प्रे गर्नुहोस्
			+	पाकेको फ़लहरू चर्केको घ लागेको दिनमा काट्नुपर्दछ।
C-1	II 1 C 4'			During head initiation and
Cole crops	Head formation			development stages proper soil
				moisture should be maintained.
				Being a shallow crops earthing up must be carried on cole crops.
				Avoid stagnant water in the field.
			-	चरणहरूमा. माटीको उचित नमी कायम
				गायनपदछ।
			4	कोल बालीहरू (cabbage, cauliflower
				कोल बालीहरू (cabbage cauliflower and broccoli)या ते. दिउसी वा बिहान सबेर उठाउन पहि। हल्का जरा बाली भएको कोन बालीमा माटो उठाएर लगाउन पृष्ठ।
				हल्का. जरा. बाली अएको कोल. बालीमा
				माटा उठाएर लगाउन् पछ। खेतमा जामेको पानीलाई हटानुश।
	Anim	al Sciences and livestock ma	nac	
	Allilli	ar ocicinocs and irrestock mai	nue	
Sheep/goat			<b>*</b>	During winter months special care
				should be taken for sheep, goat for
				external parasites.
				जाडो महिनाहरूमा भेडा र बाखा हरुलाई
,				परजीवीहरू बाटा ब्चाउनु लागि विशेष
				ध्यान राख्नु पर्छ।
Poultry/chicken			<b></b>	Keep the Vanaraja chicks in warm
· ·				condition (32-33°C) during the first
			_	four weeks.
			V	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.
			*	पहिलो चार हप्ताहरूमा भानाराजा चल्लाहरू न्यानो अवस्थामा (३२-३३०८)
				राख्नहोस
				चिसी तुनावका कारण कुखुराहरूको
				मृत्युलाई रोक्न कम गर्नेको लागि सस्तो
			_	पंश प्पालन गृह बनाउन् पंछे।
			4	पश पालन गृह तापमान कायम गर्नेको वागि वगातार बिजली प्रयोग गर्नम र
				लांगि लगातार बिज्ली प्रयोग गर्न्स ए आपतकालिनको लांगे सिगरि अथबा ब्खारी प्रयोग गर्न सकिन्छ।
				प्रयोग गर्न सिकन्छ।
			_	

#### Agro-Met Advisory member of ICAR-NOFRI and KVK- East Sikkim Name Designation **Department** Dr. R. K. Avasthe **Joint Director Soil Science** Dr. Raghavendra Singh Agronomy Senior scientist and Head (I/C) Dr. P. K. Pathak SMS Animal science Dr. J.K. Singh Plant Breeding SMS Agronomy Dr. Manoj Kumar SMS Sh. Boniface Lepcha SMS Horticulture Agril. Meteorology Sh. Santanu Das SMS Miss Tirtha Kumari Chettri Biochemistry Met. Observer