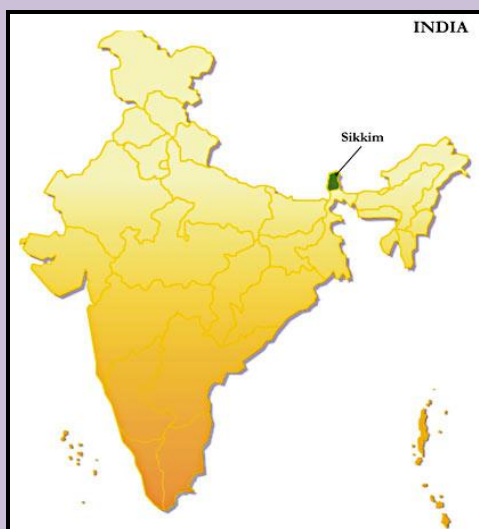




# AGRO-MET ADVISORY BULLETIN FOR THE DISTRICT OF **NORTH SIKKIM** PERIOD:

**18<sup>th</sup> MARCH to 22<sup>nd</sup> MARCH' 2020**

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



**ISSUED ON 17<sup>th</sup> 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 Gyalshing
- 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→	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall (mm)	No rain	Very light rainfall	Very light rainfall	Very light rainfall	Light rainfall
Max Temp (°C)	23	21	21	20	19
Min Temp (°C)	09	09	09	09	08
Sky condition	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	80	90	90	92	92
Min RH (%)	55	67	67	70	70
Wind Speed (Kmph)	003	004	004	003	003
Wind Direction (deg)	SW	SE	SE	SE	SW

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)
14-3-2020	000	N/A	N/A
15-3-2020	008	N/A	N/A
16-3-2020	007	N/A	N/A

#### Weather forecast valid up to 22<sup>nd</sup> March 2020

- There is probability of very light rainfall on coming days.
- Max temp may be varying from 19-23°C, whereas, Min temp may vary from 8-9°C
- Sky will remain generally cloudy.
- Max RH is likely to be 80-92%, whereas, Min RH may vary from 55-70 %
- Wind speed may likely vary from 3-4 km/hr.
- Wind direction may blow from southeasterly direction
- Weekly cumulative rainfall= 008.0 mm

## AGRO-METEREOLOGICAL ADVISORIES

### General Advisories for all the crops/ livestock

- ✚ If dry spell prevails longer time, irrigate the field to keep moist.
- ✚ Selection of site and construction of scientific animal shed is utmost necessary to enhance the productivity as well as profit margin.
- ✚ Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.
- ✚ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चसो राख्नुहोस्।  
नाफा मार्जिन र उत्पादकता वृद्धको लागि जगा छनोट र वैज्ञानिक पशुघरको निर्माण गर्न को अत्यन्त आवश्यक छ।
- ✚ खेती मा पानी संरक्षण गर्नुको लागि तकनिक गरेर राख्नुपर्छ; यद्यपि तरकारी बालीका लागि संचाइको दोस्रो स्रोत उपलब्ध हुनुपर्दछ।

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<b><i>Agricultural and Horticultural crops:</i></b>			
<b>Potato</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Avoid water stagnation.</li><li>■ Infected plants with late blight disease must be removed and destroyed as soon as detected.</li><li>■ Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.</li></ul>
<b>आलु</b>			<ul style="list-style-type: none"><li>◆ पानी जम्न बाट जागाउनुहोस्।</li><li>◆ लेटब्लइट रोग संक्रमित हेर्न बित्तिकै आलु पत्ता लाई हटाउनु र नष्ट गर्दैन पदेछ।</li><li>◆ लेट ब्लाइट रोग नियन्त्रण गर्न 7-10 दिनको मध्यान्तरमा ब्लिटक्स @ 2.5 g/l स्प्रे गर्नुहोस्</li></ul>
<b>Field pea</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Mature pods should be harvest and take 3-4 pickings for vegetable purpose.</li></ul>
<b>मटर</b>			<ul style="list-style-type: none"><li>◆ पाकेको मटरलाई तरकारी उद्देश्यका लागि 3-4 बार टिपनुस</li></ul>
<b>Maize</b>	Field preparation & Sowing		<ul style="list-style-type: none"><li>✚ Sowing of maize may be continued upto last week of March.</li><li>✚ Recommended manure or compost may be mixed at the time of final ploughing.</li><li>✚ Farmers are advised to intercrop of maize with legume crops</li><li>✚ Drainage should be maintained properly in heavy rainfall.</li></ul>

			<ul style="list-style-type: none"> <li>■</li> </ul>
मकै			<ul style="list-style-type: none"> <li>■ माघेको अन्तिम हप्ता सम्म मकै रोप्न जारी राखन सक्छ।</li> <li>■ अन्तिम जोत्दाको समयमा मल वा कम्पोस्ट मलाएर लगाउने सलाह दिन छ</li> <li>■ कसानहरूलाई मकैको अन्तरखानामा दानादार बाली (सबै आदि) लगाउन सल्लाह दीन्छ।</li> <li>■ ठूलो वर्षामा नाली राम्रोसँग बनाउनु पर्दछ।</li> <li>■</li> </ul>
Cabbage/ Cauliflower and Broccoli	Head formation		<ul style="list-style-type: none"> <li>■ During head initiation and development stages proper soil moisture should be maintained.</li> <li>■ Being a shallow crops earthing up must be carried on cole crops.</li> <li>■ Avoid stagnant water in the field.</li> </ul>
बन्दकोबी / फूलगोभी र ब्रोकोली			<ul style="list-style-type: none"> <li>✚ प्रमुख पहलका क्रममा र विकास चरणहरूमा माटोको उचित नमी कायम राख्नुपर्दछ।</li> <li>✚ कोल बालीहरू (cabbage, cauliflower and broccoli) या त दिउँसो वा बिहान सबेरै उठाउनु पर्छ।</li> <li>✚ हल्का जरा बाली भएको कोल बालीमा माटो उठाएर लगाउनु पर्छ। खेतमा जामेको पानीलाई हटानुश।</li> </ul>
Animal Sciences and livestock management			
Poultry			<ul style="list-style-type: none"> <li>◆ Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used during night time.</li> <li>◆ Periodic supplementation of calcium and vitamins are essential to obtain the optimum egg laying in backyard poultry.</li> </ul>
कुखुरा			<ul style="list-style-type: none"> <li>◆ पशु पालन गृह तापमान कायम गर्नेको लागि लगातार बिजुली प्रयोग गर्नुस र आपतका लनको लागि सगरि अथवा बखारी प्रयोग गर्न सक्नेछ।</li> <li>◆ पछा डर्पको कुखुरामा अधिकतम अण्डा पार्ने हो भने क्याल्सियम र भटा मनहरूको आवश्यक पूर्ति आवश्यक हुन्छ।</li> </ul>
Cattle/Cow			<ul style="list-style-type: none"> <li>◆ Ensure vaccination of cattle against FMD, BQ &amp; HS before starting of rainy season.</li> </ul>
गाई			<ul style="list-style-type: none"> <li>◆ वर्षा मौसम सुरु हुनुभन्दा पहिले FMD, BQ &amp; HS वरुद्ध गाईको खोप सुनिश्चित गर्नु।</li> </ul>

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

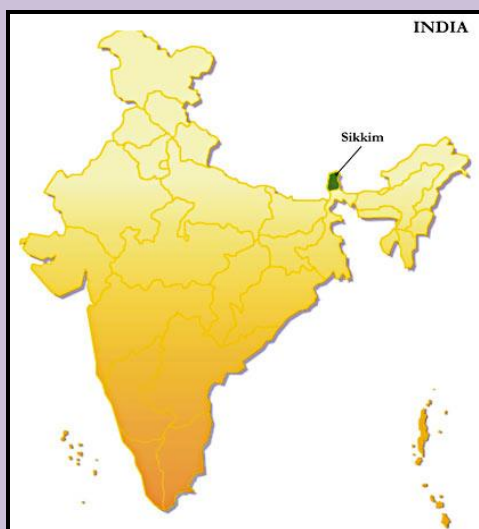
<b>Name</b>	<b>Designation</b>	<b>Department</b>
<b><i>Dr. R. K. Avasthe</i></b>	<b>Joint Director</b>	<b>Soil Science</b>
<i>Dr. Raghavendra Singh</i>	Senior scientist and Head (I/C)	Agronomy
<i>Dr. P. K. Pathak</i>	SMS	Animal science
<i>Dr. J.K. Singh</i>	SMS	Plant Breeding
<i>Dr. Manoj Kumar</i>	SMS	Agronomy
<i>Sh. 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:

**18<sup>th</sup> MARCH to 22<sup>nd</sup> MARCH 2020**

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



**ISSUED ON 17<sup>th</sup> 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

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

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

↓Parameter/Date→	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall (mm)	No rainfall	No rainfall	Very light rainfall	Very light rainfall	Very light rainfall
Max Temp (°C)	18	16	17	17	09
Min Temp (°C)	09	08	08	08	07
Sky condition	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	78	80	90	90	91
Min RH (%)	49	52	65	68	72
Wind Speed (Kmph)	003	003	002	002	003
Wind Direction (deg)	NE	NE	NE	NE	N

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)
14-3-2020	006	12.5	10.1
15-3-2020	002	18.6	09.1
16-3-2020	Trace	18.2	07.6

### Weather forecast valid up to 22<sup>nd</sup> March 2020

- There is probability of very light rainfall on coming days.
- Max temp may be varying from 09-18°C, whereas, Min temp may vary from 7-9°C
- Sky will remain generally cloudy.
- Max RH is likely to be 78-91%, whereas, Min RH may vary from 49-72 %
- Wind speed may likely vary from 2-3 km/hr.
- Wind direction may blow from northeasterly direction
- Weekly cumulative rainfall= 005.0 mm

## AGRO-METEOREOLOGICAL ADVISORIES

### General Advisories for all the crops/ livestock

- ✚ If dry spell prevails longer time, irrigate the field to keep moist.
- ✚ Selection of site and construction of scientific animal shed is utmost necessary to enhance the productivity as well as profit margin.
- ✚ Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.
- ✚ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चसो राख्नुहोस्।  
नाफा मार्जिन र उत्पादकता वृद्धको लागि जगा छनोट र वैज्ञानिक पशुघरको निर्माण गर्न को अत्यन्त आवश्यक छ।
- ✚ खेती मा पानी संरक्षण गर्नुको लागि तकनिक गरेर राख्नुपर्छ; यद्यपि तरकारी बालीका लागि संचाइको दोस्रो स्रोत उपलब्ध हुनुपर्दछ।

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<b><i>Agricultural and Horticultural crops:</i></b>			
<b>Potato</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Avoid water stagnation.</li><li>■ Infected plants with late blight disease must be removed and destroyed as soon as detected.</li><li>■ Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.</li></ul>
<b>आलु</b>			<ul style="list-style-type: none"><li>◆ पानी जम्न बाट जागाउनुहोस्।</li><li>◆ लेटब्लाइट रोग संक्रमित हेर्न बित्तिकै आलु पत्ता लाई हटाउनु र नष्ट गर्दैन पदेछ।</li><li>◆ लेट ब्लाइट रोग नियन्त्रण गर्न 7-10 दिनको मध्यान्तरमा ब्लिटक्स @ 2.5 g/l स्प्रे गर्नुहोस्</li></ul>
<b>Field pea</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Mature pods should be harvest and take 3-4 pickings for vegetable purpose.</li></ul>
<b>मटर</b>			<ul style="list-style-type: none"><li>◆ पाकेको मटरलाई तरकारी उद्देश्यका लागि 3-4 बार टिपनुस</li></ul>
<b>Maize</b>	Field preparation & Sowing		<ul style="list-style-type: none"><li>✚ Sowing of maize may be continued upto last week of March.</li><li>✚ Recommended manure or compost may be mixed at the time of final ploughing.</li><li>✚ Farmers are advised to intercrop of maize with legume crops</li><li>✚ Drainage should be maintained properly in heavy rainfall.</li></ul>



			<ul style="list-style-type: none"> <li>■</li> </ul>
मकै			<ul style="list-style-type: none"> <li>■ माघेको अन्तिम हप्ता सम्म मकै रोप्न जारी राखन सक्छ।</li> <li>■ अन्तिम जोत्दाको समयमा मल वा कम्पोस्ट मलाएर लगाउने सलाह दिनछ</li> <li>■ कसानहरूलाई मकैको अन्तरखानामा दानादार बाली (सबै आदि) लगाउन सल्लाह दीन्छ।</li> <li>■ ठूलो वर्षामा नाली राम्रोसँग बनाउनु पर्दछ।</li> <li>■</li> </ul>
Cabbage/ Cauliflower and Broccoli	Head formation		<ul style="list-style-type: none"> <li>■ During head initiation and development stages proper soil moisture should be maintained.</li> <li>■ Being a shallow crops earthing up must be carried on cole crops.</li> <li>■ Avoid stagnant water in the field.</li> </ul>
बन्दकोबी / फूलगोभी र ब्रोकोली			<ul style="list-style-type: none"> <li>✚ प्रमुख पहलका क्रममा र विकास चरणहरूमा माटोको उचित नमी कायम राख्नुपर्दछ।</li> <li>✚ कोल बालीहरू (cabbage, cauliflower and broccoli) या त दिउँसो वा बिहान सबेरै उठाउनु पर्छ।</li> <li>✚ हल्का जरा बाली भएको कोल बालीमा माटो उठाएर लगाउनु पर्छ। खेतमा जामेको पानीलाई हटानुश।</li> </ul>
Animal Sciences and livestock management			
Poultry			<ul style="list-style-type: none"> <li>◆ Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used during night time.</li> <li>◆ Periodic supplementation of calcium and vitamins are essential to obtain the optimum egg laying in backyard poultry.</li> </ul>
कुखुरा			<ul style="list-style-type: none"> <li>◆ पशु पालन गृह तापमान कायम गर्नेको लागि लगातार बिजुली प्रयोग गर्नुस र आपतका लनको लागि सगरि अथवा बखारी प्रयोग गर्न सक्न्छ।</li> <li>◆ पछा डपको कुखुरामा अधिकतम अण्डा पार्ने हो भने क्याल्सियम र भटा मनहरूको आवधिक पूर्ति आवश्यक हुन्छ।</li> </ul>
Cattle/Cow			<ul style="list-style-type: none"> <li>◆ Ensure vaccination of cattle against FMD, BQ &amp; HS before starting of rainy season.</li> </ul>
गाई			<ul style="list-style-type: none"> <li>◆ वर्षा मौसम सुरु हुनुभन्दा पहिले FMD, BQ &amp; HS वरुद्ध गाईको खोप सुनिश्चित गर्नु।</li> </ul>

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

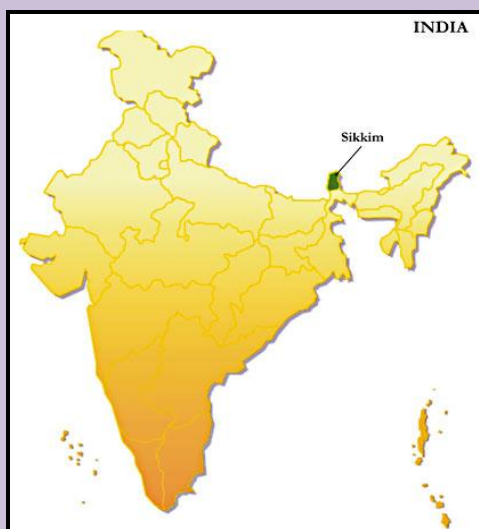
<b>Name</b>	<b>Designation</b>	<b>Department</b>
<b><i>Dr. R. K. Avasthe</i></b>	<b>Joint Director</b>	<b>Soil Science</b>
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<i>Dr. Manoj Kumar</i>	SMS	Agronomy
<i>Sh. Boniface Lepcha</i>	SMS	Horticulture
<i>Sh. Santanu Das</i>	SMS	Agril. Meteorology
<i>Miss Tirtha Kumari Chettri</i>	Met. Observer	Biochemistry



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

**18<sup>th</sup> MARCH to 22<sup>nd</sup> MARCH' 2020**

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



**ISSUED ON 17<sup>th</sup> 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

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

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

↓Parameter/Date→	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall (mm)	No rain	No rain	No rain	No rain	No rain
Max Temp ( <sup>0</sup> C)	24	23	22	23	23
Min Temp ( <sup>0</sup> C)	09	09	08	08	08
Sky condition	Partially clear	Partially clear	Generally cloud	Generally cloud	Generally cloud
Max RH (%)	75	78	78	80	80
Min RH (%)	45	48	48	50	50
Wind Speed (Kmph)	003	004	004	003	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)	( <sup>0</sup> C)	( <sup>0</sup> C)
14-3-2020	N/A	N/A	N/A
15-3-2020	N/A	N/A	N/A
16-3-2020	N/A	N/A	N/A

### **Weather forecast valid up to 22<sup>nd</sup> March 2020**














- There is probability of no rain on coming days.
- Max temp may be varying from 22-24°C, whereas, Min temp may vary from 8-9°C
- Sky will remain generally cloudy.
- Max RH is likely to be 75-80 %, whereas, Min RH may vary from 45-50 %
- 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

- ✚ If dry spell prevails longer time, irrigate the field to keep moist.
- ✚ Selection of site and construction of scientific animal shed is utmost necessary to enhance the productivity as well as profit margin.
- ✚ Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.
- ✚ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चसो राख्नुहोस्।  
नाफा मार्जिन र उत्पादकता वृद्धको लागि जगा छनोट र वैज्ञानिक पशुघरको निर्माण गर्न को अत्यन्त आवश्यक छ।
- ✚ खेती मा पानी संरक्षण गर्नुको लागि तकनिक गरेर राख्नुपर्छ; यद्यपि तरकारी बालीका लागि संचाइको दोस्रो स्रोत उपलब्ध हुनुपर्दछ।

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<b><i>Agricultural and Horticultural crops:</i></b>			
<b>Potato</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Avoid water stagnation.</li><li>■ Infected plants with late blight disease must be removed and destroyed as soon as detected.</li><li>■ Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.</li></ul>
<b>आलु</b>			<ul style="list-style-type: none"><li>◆ पानी जम्न बाट जागाउनुहोस्।</li><li>◆ लेटब्लइट रोग संक्रमित हेर्न बित्तिकै आलु पत्ता लाई हटाउनु र नष्ट गर्दैन पदेछ।</li><li>◆ लेट ब्लाइट रोग नियन्त्रण गर्न 7-10 दिनको मध्यान्तरमा ब्लिटक्स @ 2.5 g/l स्प्रे गर्नुहोस्</li></ul>
<b>Field pea</b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Mature pods should be harvest and take 3-4 pickings for vegetable purpose.</li></ul>
<b>मटर</b>			<ul style="list-style-type: none"><li>◆ पाकेको मटरलाई तरकारी उद्देश्यका लागि 3-4 बार टिपनुस</li></ul>
<b>Maize</b>	Field preparation & Sowing		<ul style="list-style-type: none"><li>✚ Sowing of maize may be continued upto last week of March.</li><li>✚ Recommended manure or compost may be mixed at the time of final ploughing.</li><li>✚ Farmers are advised to intercrop of maize with legume crops</li><li>✚ Drainage should be maintained properly in heavy rainfall.</li></ul>

			
मकै			<ul style="list-style-type: none"><li>▪ माघेको अन्तिम हप्ता सम्म मकै रोप्न जारी राखन सक्छ।</li><li>▪ अन्तिम जोत्दाको समयमा मल वा कम्पोस्ट मलाएर लगाउने सलाह दिनछ</li><li>▪ कसानहरूलाई मकैको अन्तरखानामा दानादार बाली (सबै आदि) लगाउन सल्लाह दीन्छ।</li><li>▪ ठूलो वर्षामा नाली राम्रोसँग बनाउनु पर्दछ।</li><li>▪</li></ul>
Cabbage/ Cauliflower and Broccoli	Head formation		<ul style="list-style-type: none"><li> During head initiation and development stages proper soil moisture should be maintained.</li><li> Being a shallow crops earthing up must be carried on cole crops.</li><li> Avoid stagnant water in the field.</li></ul>
बन्दकोबी / फूलगोभी र ब्रोकोली			<ul style="list-style-type: none"><li> प्रमुख पहलका क्रममा र विकास चरणहरूमा माटोको उचित नमी कायम राख्नुपर्दछ।</li><li> कोल बालीहरू (cabbage, cauliflower and broccoli) या त दिउँसो वा बिहान सबेरै उठाउनु पर्छ।</li><li> हल्का जरा बाली भएको कोल बालीमा माटो उठाएर लगाउनु पर्छ। खेतमा जामेको पानीलाई हटानुश।</li></ul>
Animal Sciences and livestock management			
Poultry			<ul style="list-style-type: none"><li> Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used during night time.</li><li> Periodic supplementation of calcium and vitamins are essential to obtain the optimum egg laying in backyard poultry.</li></ul>
कुखुरा			<ul style="list-style-type: none"><li> पशु पालन गृह तापमान कायम गर्नेको लागि लगातार बिजुली प्रयोग गर्नुस र आपतका लनको लागि सगरि अथवा बखारी प्रयोग गर्न सक्न्छ।</li><li> पछा डर्पको कुखुरामा अधिकतम अण्डा पार्ने हो भने क्याल्सियम र भटा मनहरूको आवधिक पूर्ति आवश्यक हुन्छ।</li></ul>
Cattle/Cow			<ul style="list-style-type: none"><li> Ensure vaccination of cattle against FMD, BQ &amp; HS before starting of rainy season.</li></ul>
गाई			<ul style="list-style-type: none"><li> वर्षा मौसम सुरु हुनुभन्दा पहिले FMD, BQ &amp; HS वरुद्ध गाईको खोप सुनिश्चित गर्नु।</li></ul>

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

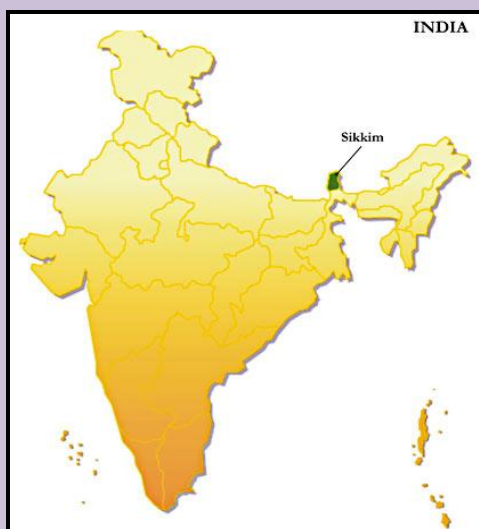
<b>Name</b>	<b>Designation</b>	<b>Department</b>
<b><i>Dr. R. K. Avasthe</i></b>	<b>Joint Director</b>	<b>Soil Science</b>
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<i>Sh. Boniface Lepcha</i>	SMS	Horticulture
<i>Sh. Santanu Das</i>	SMS	Agril. Meteorology
<i>Miss Tirtha Kumari Chettri</i>	Met. Observer	Biochemistry



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

**18<sup>th</sup> MARCH to 22<sup>nd</sup> MARCH' 2020**

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



**ISSUED ON 17<sup>th</sup> 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

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



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

↓Parameter/Date→	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall (mm)	No rain	No rain	No rain	Very light rainfall	Very light rainfall
Max Temp (°C)	20	19	19	18	18
Min Temp (°C)	08	08	08	08	08
Sky condition	Partially clear	Partially clear	Generally cloudy	Generally cloudy	Generally cloudy
Max RH (%)	78	80	80	91	91
Min RH (%)	50	53	53	70	70
Wind Speed (Kmph)	003	004	003	003	002
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)	(°C)	(°C)
14-3-2020	000	N/A	N/A
15-3-2020	000	N/A	N/A
16-3-2020	000	N/A	N/A

### Weather forecast valid up to 18<sup>th</sup> March 2020

- There is probability of no rainfall on coming days.
- Max temp may be varying from 18-20°C, whereas, Min temp may vary from 8-9°C
- Sky will remain generally cloudy.
- Max RH is likely to be 78-91 %, whereas, Min RH may vary from 50-70 %
- Wind speed may likely 2-4 km/hr.
- Wind direction may blow from northwesterly.
- Weekly cumulative rainfall= 003.0 mm

## AGRO-METEOROLOGICAL ADVISORIES

### General Advisories for all the crops/ livestock

- ✚ If dry spell prevails longer time, irrigate the field to keep moist.
- ✚ Selection of site and construction of scientific animal shed is utmost necessary to enhance the productivity as well as profit margin.
- ✚ Suitable soil water conservation technique preferred to maintain the fields moist, otherwise irrigation should be apply to the vegetable crops.
- ✚ यदि सुख्खा अवस्था लामो समयसम्म खेतमा रहन्छ भने पानी प्रयोग गर्नुहोस् खेतलाई चसो राख्नुहोस्।

नाफा मार्जिन र उत्पादकता वृद्धको लागि जगा छनोट र वैज्ञानिक पशुघरको निर्माण गर्न को अत्यन्त आवश्यक छ।

- ✚ खेती मा पानी संरक्षण गर्नुको लागि तकनिक गरेर राख्नुपर्छ; यद्यपि तरकारी बालीका लागि संचाइको दोस्रो स्रोत उपलब्ध हुनुपर्दछ।

Name of the crop/Animal	Stage	Cultural practices/ Pest/ Diseases	Agro-Met Advisories
<b><i>Agricultural and Horticultural crops:</i></b>			
<b><i>Potato</i></b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Avoid water stagnation.</li><li>■ Infected plants with late blight disease must be removed and destroyed as soon as detected.</li><li>■ Spray Blitox @ 2.5 g/l at 7-10 days interval to control Late blight disease.</li></ul>
<b>आलु</b>			<ul style="list-style-type: none"><li>◆ पानी जमन बाट जोगाउनुहोस्।</li><li>◆ लेटब्लइट रोग सक्रमण हुने बित्तिकै आलु पत्ता लाई हटाउनु र नष्ट गर्दैन पदेछ।</li><li>◆ लेट ब्लाइट रोग नियन्त्रण गर्न 7-10 दिनको मध्यान्तरमा ब्लिटक्स @ 2.5 g/l स्प्रे गर्नुहोस्</li></ul>
<b><i>Field pea</i></b>	Harvesting Stage		<ul style="list-style-type: none"><li>■ Mature pods should be harvest and take 3-4 pickings for vegetable purpose.</li></ul>
<b>मटर</b>			<ul style="list-style-type: none"><li>◆ पाकेको मटरलाई तरकारी उद्देश्यका लागि 3-4 बार टिपनुस</li></ul>
<b><i>Maize</i></b>	Field preparation & Sowing		<ul style="list-style-type: none"><li>✚ Sowing of maize may be continued upto last week of March.</li><li>✚ Recommended manure or compost may be mixed at the time of final ploughing.</li><li>✚ Farmers are advised to intercrop of maize with legume crops</li><li>✚ Drainage should be maintained properly in heavy rainfall.</li></ul>

मकै			<ul style="list-style-type: none"> <li>माचैको अन्तिम हप्ता सम्म मकै रोप्न जारी राख्न सक्छ।</li> <li>अन्तिम जोत्दाको समयमा मल वा कम्पोस्ट मलाएर लगाउने सलाह दिन छ।</li> <li>कसानहरूलाई मकैको अन्तरखानामा दानादार बाली (सबै आदि) लगाउन सल्लाह दिन्छ।</li> <li>ठूलो वर्षामा नाली राम्रोसँग बनाउनु पर्दछ।</li> </ul>
<i>Cabbage/ Cauliflower and Broccoli</i>	Head formation		<ul style="list-style-type: none"> <li>During head initiation and development stages proper soil moisture should be maintained.</li> <li>Being a shallow crops earthing up must be carried on cole crops.</li> <li>Avoid stagnant water in the field.</li> </ul>
बन्दकोबी / फूलगोभी र ब्रोकोली			<ul style="list-style-type: none"> <li>प्रमुख पहलका क्रममा र विकास चरणहरूमा माटोको उचित नमी कायम राख्नुपर्दछ।</li> <li>कोल बालीहरू (cabbage, cauliflower and broccoli) या त दिउसो वा बिहान सबेरै उठाउन पर्छ।</li> <li>हल्का जरा बाली भएको कोल बालीमा माटो उठाएर लगाउनु पर्छ।</li> <li>खेतमा जामेको पानीलाई हटानुश।</li> </ul>
<i>Animal Sciences and livestock management</i>			
<i>Poultry</i>			<ul style="list-style-type: none"> <li>Maintain brooding temperature through continuous electricity supply and for emergency Sigiri/Bukhari can be used during night time.</li> <li>Periodic supplementation of calcium and vitamins are essential to obtain the optimum egg laying in backyard poultry.</li> </ul>
कुखुरा			<ul style="list-style-type: none"> <li>पशु पालन गृह तापमान कायम गर्नेको लागि लगातार बिजुली प्रयोग गर्नुस र आपतका लनको लागि सगरि अथवा बुखारी प्रयोग गर्न सक्नुछ।</li> <li>पछा डपि को कुखुरामा अधिकतम अण्डा पार्ने हो भने क्याल्सियम र भटा मनहरूको आवश्यक पूर्ति आवश्यक हुन्छ।</li> </ul>
<i>Cattle/Cow</i>			<ul style="list-style-type: none"> <li>Ensure vaccination of cattle against FMD, BQ &amp; HS before starting of rainy season.</li> </ul>
गाई			<ul style="list-style-type: none"> <li>वर्षा मौसम सुरु हुनुभन्दा पहिले FMD, BQ &amp; HS वरुद्ध गाईको खोप सुनिश्चित गर्नु।</li> </ul>

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

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