

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre



<u>West Siang, Basar – 791 101</u>

### (<u>East Siang</u>)

### No: 71/2014-15/Tue



### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
Max Temp: 13.0-14.0°C, Min Temp: 2.0-	The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
3.0°C, Wind Speed: 6-10Kmph, Wind	25.0°C, Min Temp: 12.0°C, Cloud Cover: sky will be clear i.e. 0 Okta, Max
Direction: 276-284Degree, Rainfall: 0.0mm.	RH: 50-73%, Min RH: 25-32%, Wind Speed: 8-9Kmph, Wind Direction:
	276-279Degree.
	Weekly cumulative rainfall : 0.0mm

### Weather Based Agro-meteorological Advisories Bulletin

Obtain     Crop	Stage	Pest/Disease	d/reliable source, Precautionary Practices to be followed
Сгор	Stage		GETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6m1/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
			FIELD CROPS
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water fo management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Harvesting		<ul> <li>Pruning to be followed after harvest.</li> <li>After pruning, application of Bordeaux paste should be done.</li> </ul>
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
Livestaal	Stago	Disease	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul><li>Vaccinate with PPR,</li><li>Provide standard feeds,</li></ul>

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department





ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>

### (<u>Lohit</u>)



#### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week Max Temp: 7.0-8.0<sup>o</sup>C, Min Temp: 1.0-2.0<sup>o</sup>C, Wind Speed: 7-9Kmph, Wind Direction: 66-75Degree, Rainfall: 0.0mm. Weather forecast valid up to 28<sup>th</sup> December, 2014 The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 19.0-20.0<sup>o</sup>C, Min Temp: 5.0<sup>o</sup>C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 71-82%, Min RH: 23-36%, Wind Speed: 8-9Kmph, Wind Direction: 65-74Degree. Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

Obtain	seeds from re	eputed/certifie	d/reliable source,		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	VEGETABLE CROPS				
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>		
			FIELD CROPS		
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.</li> </ul>		
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>		
			FRUIT CROPS		
Lemon/other citrus fruits	Harvesting		<ul><li>Pruning to be followed after harvest.</li><li>After pruning, application of Bordeaux paste should be done.</li></ul>		
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.		
	1		LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>		
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>		
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>		

#### Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37, -96 (Fax).



Integrated Agro-Meteorological Advisory Services ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>

### (Lower-Dibang-Valley)



### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week Max Temp: 10.0-11.0°C, Min Temp: 1.0 – 2.0°C, Wind Speed: 8-10Kmph, Wind Direction: 96-98Degree, Rainfall: 0.0mm.

Weather forecast valid up to  $28^{\text{th}}$  December, 2014 The possibility of Rainfall is 0.0mm for the next five days. Max Temp:  $10.0-12.0^{\circ}$ C, Min Temp:  $(-)2.0 - (-)4.0^{\circ}$ C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 56-68%, Min RH: 23-34%, Wind Speed: 9-11Kmph, Wind Direction: 87-98Degree. Weekly cumulative rainfall : 0.0mm

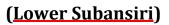
Ohtain	seeds from re	onuted /certifie	d/reliable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
•	U	V	EGETABLE CROPS
Cauliflower/	Vegetative/	Leaf eating	• Light irrigation is essential,
Cabbage/	Maturing/	caterpillars/	• In present weather conditions severe attack of leaf eatir
Brocolli/		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%
Knolkhol		-	@6ml/litre of water when weather is clear.
			<ul> <li>Spray with neem based pesticides against aphids an</li> </ul>
			painted bugs in cruciferous crops.
			FIELD CROPS
Potato	Vegetative	Red Ants/	<ul> <li>Ridge should be properly made,</li> </ul>
10000	vegetative	Late blight	<ul> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of</li> </ul>
		Late blight	water,
			• Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for
			management of potato late blight.
Pea	Vegetative	Cutworm	Regular monitoring of crop against attack of cutworm is
i cu	regetative	Gutworm	advised,
			<ul> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			brenening with unorpyriphos @ 2 in per nice of water,
Lemon/other	Harvesting		<ul> <li>FRUIT CROPS</li> <li>Pruning to be followed after harvest.</li> </ul>
citrus fruits	nai vesting		<ul> <li>After pruning, application of Bordeaux paste should be done</li> </ul>
	Homeosting		
Pineapple	Harvesting		<ul> <li>After winter harvest, collection/Selection of suckers &amp; slip t</li> <li>be done for pout season planting</li> </ul>
Annla			be done for next season planting.
Apple			• For woody aphid-Wipe the stem with cloth soaked in mineral oil.
			• In bearing trees give a spray of Bordeaux mixture (copper
			sulphate (2Kg)+quick lime (2kg) in 200litres of water)
			against canker and other diseases.
			• During December remove the soil around the collar region
			and apply chaubatia paint or copper oxychloride paint.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Avoid dampness, litter should be periodically changed,
			Provide clean and fresh water daily,
			• Vaccination of birds as per the recommended age,
			• Artificial heating through lighting of electric bulb during
			night time to protect the poultry birds (day old to 25 day
			old) from low temperature,
Pigs	New born	Cold	• Pig shed/stay should keep dry and avoid dampness,
			Avoid stagnant water near the shed,
			Vaccinate against swine fever,
			Avoid of eating human excreta,
			Provide ad libitum water,
Cattle	All stages	FMD	Vaccination of animal with FMD,
			• Treatment – sick animals,
	All stages	Goat pox	Vaccinate with PPR,

•	<b>Contact Sc</b>	ientists (ICAR	) or State Agril S	Staf	ff or KVK staff for measures against adverse conditions or
				•	Vaccination & deworming at regular interval,
				•	Provide standard feeds,

# Contact Scientists (ICAR) of State Agril Stall of KVK stall for measures against adverse call at 03795226247/37 Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37, -96 (Fax)



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>





#### <u>No: 71/2014-15/Tue</u>

#### Dated: 23rd December, 2014

## Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

weather summery of the previous week							
Max Temp: 5.0-6.0 <sup>o</sup> C, Min Temp: 0.0 –							
$1.0^{0}$ C,	Wind	Speed:	3-7Kmph,	Wind			
Direction: 174-272Degree, Rainfall: 0.0mm.							

**Weather forecast valid up to 28<sup>th</sup> December, 2014** The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 0.0- $3.0^{\circ}$ C, Min Temp: (-)7.0-(-)9.0°C, Cloud Cover: sky will be mainly clear i.e. 0-2 Okta, Max RH: 74-85%, Min RH: 35-52%, Wind Speed: 5-6Kmph, Wind Direction: 209-263Degree. *Weekly cumulative rainfall : 0.0mm* 

		<u>r Based Agro-</u>	
			d/reliable source,
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
	TT ===tatista/		VEGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> <li>FIELD CROPS</li> </ul>
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Harvesting		<ul><li>Pruning to be followed after harvest.</li><li>After pruning, application of Bordeaux paste should be done.</li></ul>
Pineapple Apple	Harvesting		<ul> <li>After winter harvest, collection/Selection of suckers &amp; slip to be done for next season planting.</li> <li>For woody aphid-Wipe the stem with cloth soaked in</li> </ul>
			<ul> <li>In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.</li> </ul>
			• During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint.
Livestock	Stago	Disease	LIVESTOCKS Precautionary Practices to be followed
Poultry	Stage All stages	DISease	<ul> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,

					Provide standard feeds,
				•	Vaccination & deworming at regular interval,
•	Contact Sc	ientists (ICAR)	) or State Agril St	taf	f or KVK staff for measures against adverse conditions or

call at 03795226247/37 Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37,-96 (Fax)
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>

### (Papum Pare)



#### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather forecast valid up to 28<sup>th</sup> December, 2014

Weather summery of the previous week Max Temp: 11.0-12.0°C, Min Temp: 3.0-4.0<sup>°</sup>C, Wind Speed: 4-7Kmph, Wind Direction: 76-283Degree, Rainfall: 0.0mm.

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 22.0°C, Min Temp: 8.0°C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 62-75%, Min RH: 29-38%, Wind Speed: 6-7Kmph, Wind Direction: 76-281Degree.

Weekly cumulative rainfall :0.0mm

• Obtain	seeds from rep		,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	· · · · · ·		EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> <li>FIELD CROPS</li> </ul>
Potato	Vegetative	Red Ants/	<ul> <li>Ridge should be properly made,</li> </ul>
Totato	vegetative	Late blight	<ul> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water fo management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
		1	FRUIT CROPS
Lemon/other	Harvesting		Pruning to be followed after harvest.
citrus fruits			After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
			LIVESTOCKS
<b>Livestock</b> Poultry	Stage All stages	Disease	<ul> <li>Precautionary Practices to be followed</li> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give Anti coucidid drops,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> </ul>
Pigs	New born/ All stages	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Dog	All stages		Vaccinate against rabies ,
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>



**Integrated Agro-Meteorological Advisory Services** 

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



### (Tawang)

#### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
Max Temp: 7.0-8.0 <sup>o</sup> C, Min Temp: 0.0-1.0 <sup>o</sup> C,	The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
Wind Speed: 4-9Kmph, Wind Direction: 92-	8.0°C, Min Temp: 1.0°C, Cloud Cover: sky will be clear i.e. 0 Okta, Max
286Degree, Rainfall: 0.0mm.	RH: 76-90%, Min RH: 38-58%, Wind Speed: 7-9Kmph, Wind Direction:
-	54-236Degree.

Weekly cumulative rainfall : 0.0mm

		_	neteorological Advisories Bulletin
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Q = = 1'0 = = =	V + - + : /		EGETABLE CROPS
Cauliflowe r/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> <li>FRUIT CROPS</li> </ul>
Apple			<ul> <li>For woody aphid-Wipe the stem with cloth soaked in mineral oil.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.</li> <li>During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint.</li> <li>LIVESTOCKS</li> </ul>
	<u></u>		I.
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> </ul>
Pigs	New born	Cold	<ul> <li>Warming of pig sheds using gunny bags, straw, enclosure,</li> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Dog	All stages		Vaccinate against rabies ,
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>

call at 03795226247 (KVK, West Siang)

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)



Cattle

All stages

### Integrated Agro-Meteorological Advisory Services

**ICAR Research Complex for NEH Region, Arunachal Pradesh Centre** West Siang, Basar - 791 101

### (Tirap)



### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week Max Temp:  $23.0^{\circ}$ C, Min Temp:  $5.0^{\circ}$ C, Wind Speed: 2-4Kmph, Wind Direction: 131-150Degree, Rainfall: 0.0mm.

Weather forecast valid up to 28<sup>th</sup> December, 2014 The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 21.0-22.0<sup>o</sup>C, Min Temp: 8.0<sup>o</sup>C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 82-90%, Min RH: 29-42%, Wind Speed: 4Kmph, Wind Direction: 142-147Degree. Weekly cumulative rainfall • 0 0mm

Weekly cumulative rainfall : 0.0mm					
	Weather	r Rased Agro.	meteorological Advisories Bulletin		
<u>Weather Based Agro-meteorological Advisories Bulletin</u> Obtain seeds from reputed/certified/reliable source,					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	2 ongo		EGETABLE CROPS		
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>		
	1	1	FIELD CROPS		
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.</li> </ul>		
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>		
			FRUIT CROPS		
Lemon/other	Harvesting		Pruning to be followed after harvest.		
citrus fruits			• After pruning, application of Bordeaux paste should be done.		
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to		
			be done for next season planting. LIVESTOCKS		
Line at a al-	Ctara	Disease			
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>		
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>		
01	411 .				

Treatment – sick animals, Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37

Vaccination of animal with FMD,

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FMD



Integrated Agro-Meteorological Advisory Services ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



### (Upper Siang)

#### <u>No: 71/2014-15/Tue</u>

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week Max Temp: 7.0-8.0<sup>o</sup>C, Min Temp: 1.0-2.0<sup>o</sup>C, Wind Speed: 5-8Kmph, Wind Direction: 111-153Degree, Rainfall: 0.0mm.

Weather forecast valid up to 28<sup>th</sup> December, 2014 The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 3.0-6.0<sup>o</sup>C, Min Temp: (-)4.0-(-)5.0<sup>o</sup>C, Cloud Cover: sky will be mainly clear i.e. 0-1 Okta, Max RH: 65-83%, Min RH: 28-41%, Wind Speed: 5-10Kmph, Wind Direction: 119-152Degree. Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

		eputed/certified	
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
	1		EGETABLE CROPS
Cauliflower/	Vegetative/	Leaf eating	• Light irrigation is essential,
Cabbage/	Maturing/	caterpillars/	• In present weather conditions severe attack of leaf eating
Brocolli/		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%)
Knolkhol			@6ml/litre of water when weather is clear.
			• Spray with neem based pesticides against aphids and
			painted bugs in cruciferous crops.
			FIELD CROPS
Potato	Vegetative	Red Ants/	Ridge should be properly made,
		Late blight	• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of
			water,
			• Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for
			management of potato late blight.
Pea	Vegetative	Cutworm	• Regular monitoring of crop against attack of cutworm is
	_		advised,
			• Drenching with Chlorpyriphos @ 2 ml per litre of water,
- / .			FRUIT CROPS
Lemon/other	Harvesting		<ul> <li>Pruning to be followed after harvest.</li> </ul>
citrus fruits			After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to
			be done for next season planting.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Avoid dampness, litter should be periodically changed.
			• Provide clean and fresh water daily,
			• Vaccination of birds as per the recommended age,
			• Prevent from Coccidiosis give anti coucidid drops,
			• Artificial heating through lighting of electric bulb during
			night time to protect the poultry birds (day old to 25 days
			old) from low temperature.
Pigs	New born	Cold	• Pig shed/stay should keep dry and avoid dampness,
			• Avoid stagnant water near the shed,
			• Vaccinate against swine fever,
			• Avoid of eating human excreta,
			Provide ad libitum water,
Cattle	All stages	FMD	Vaccination of animal with FMD,
			<ul> <li>Treatment – sick animals,</li> </ul>
Dog	All stages		<ul> <li>Vaccinate against rabies,</li> </ul>
Rabbits	All stages	Snuffles	• Use broad spectrum antibiotic treatment like Gentamycin
			anrofloxcin under proper supervision of veterinary officials

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Agrometeorological Field Unit



Integrated Agro-Meteorological Advisory Services ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar - 791 101

### (Upper Subansiri)



#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

	· · · · · · · · · · · · · · · · · · ·
Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
Max Temp: 4.0-6.0 <sup>°</sup> C, Min Temp: 0.0-	The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 3.0-
$1.0^{\circ}$ C, Wind Speed: 3-8Kmph, Wind	$5.0^{\circ}$ C, Min Temp: (-) $5.0^{\circ}$ C, Cloud Cover: sky will be mainly clear i.e. 0-2
Direction: 219-278Degree, Rainfall: 0.0mm.	Okta, Max RH: 66-84%, Min RH: 32-50%, Wind Speed: 6-7Kmph, Wind
	Direction: 237-305Degree.

Weekly cumulative rainfall : 0.0mm

				eteorological Advisories Bulletin
		eputed/certifie	d/r	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
0 1'0 /	Veedeting			ETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	•	Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6m1/litre of water when weather is clear. Spray with neem based pesticides against aphids and painted bugs in cruciferous crops. FIELD CROPS
Potato	Vegetative	Red Ants/ Late blight	•	Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.
Pea	Vegetative	Cutworm	•	Regular monitoring of crop against attack of cutworm is advised, Drenching with Chlorpyriphos @ 2 ml per litre of water,
				FRUIT CROPS
Lemon/other	Harvesting		•	Pruning to be followed after harvest.
citrus fruits			•	After pruning, application of Bordeaux paste should be done.
Pineapple Apple	Harvesting		•	After winter harvest, collection/Selection of suckers & slip to be done for next season planting. For woody aphid-Wipe the stem with cloth soaked in mineral oil.
			•	In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.
			•	During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint. <b>LIVESTOCKS</b>
Livestock	Stage	Disease		
	Stage	DISEASE	_	Precautionary Practices to be followed
Poultry	All stages		•	Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily, Vaccination of birds as per the recommended age,
			•	Prevent from Coccidiosis give anti coucidid drops, Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 day old) from low temperature.
Pigs	New born	Cold	• • • •	Pig shed/stay should keep dry and avoid dampness, Avoid stagnant water near the shed, Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water,
Cattle	All stages	FMD	•	Vaccination of animal with FMD, Treatment – sick animals,



Goat/Sheep	All stages	Goat pox	•	Vaccinate with PPR, Provide standard feeds,
			•	
	ientists (ICAR) 95226247/37		Sta	ff or KVK staff for measures against adverse conditions or

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



### (West Kameng)

#### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
	The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
Wind Sneed, 5 Oknowly Wind Direction, 50	$120^{0}$ Min Tanan $20^{0}$ Claud Cause she will be sheet in 0 Olds. More

Wind Speed: 5-9Kmph, Wind Direction: 59-204Degree, Rainfall: 0 mm.

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 12.0 °C, Min Temp: 2.0°C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 67-86%, Min RH: 33-50%, Wind Speed: 7-8Kmph, Wind Direction: 58-196Degree.

Weekly cumulative rainfall : 0.0mm

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cauliflowe r/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
			FRUIT CROPS
Apple			<ul> <li>For woody aphid-Wipe the stem with cloth soaked in mineral oil.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.</li> <li>During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint.</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> </ul>
Pigs	New born	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Dog	All stages		Vaccinate against rabies,
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>

call at 03795226247 (KVK, West Siang) Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



### (West Siang)

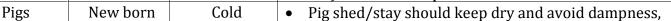
#### <u>No: 71/2014-15/Tue</u>

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather forecast valid up to 28 <sup>th</sup> December, 2014
The possibility of Rainfall is 0.0mm for next five days. Max
and min temp will be varied between 19.0-20.0°C and 5.0°C
respectively. The sky will be mainly clear <i>i.e.</i> 0-1 Okta;
Relative humidity will be varied between 58-79% and 28-
41% in the morning and afternoon respectively. The wind will
be 7-8kmph. The wind will blow from variable direction at
257-292degree.
Weekly cumulative rainfall: 0.0mm

CropStagePest/DiseasePrecautionary Practices to be followedCauliflower/ Cabbage/ Brocolli/ KnolkholVegetative/ Maturing/ Caterpillars/ AphidsLeaf eating caterpillars/ Aphids• Light irrigation is essential, or caterpillars has been reported. Spray Azadiracht @6ml/litre of water when weather is clear. • Spray with neem based pesticides against a painted bugs in cruciferous crops.PotatoVegetativeRed Ants/ Late blight• Ridge should be properly made, • Red Ants: - Drenching with Chlorpyriphos @ 2 ml p water, • Foliar spray of Dithane M-45@2.5g/litre of management of potato late blight.PeaVegetativeCutworm• Regular monitoring of crop against attack of cutwo advised, • Drenching with Chlorpyriphos @ 2 ml p water, • Foliar spray of Dithane M-45@2.5g/litre of management of potato late blight.PeaVegetativeCutworm• Regular monitoring of crop against attack of cutwo advised, • Drenching with Chlorpyriphos @ 2 ml per litre of v advised, • Drenching with Chlorpyriphos @ 2 ml per litre of v advised, • Drenching with Chlorpyriphos @ 1 ml per litre of v advised, • Drenching with Chlorpyriphos @ 2 ml per litre of v advised, • Drenching with Chlorpyriphos @ 1 ml per litre of v advised, • Drenching with Chlorpyriphos @ 2 ml per litre of v • Ruit CROPSLemon/other pineappleMaturity/ Harvesting• Pruning to be followed after harvest. • After pruning, application of Bordeaux paste shoul • After pruning, application of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of w against canker and other diseases. • During December remove the soil around the colli and apply chaubatia paint or copper oxychlori	Obtain	seeds from re	eputed/certifie	d/reliable source,
Cauliflower/ Cabbage/ Brocolli/ Knolkhol       Vegetative/ Maturing/ Strocolli/ Knolkhol       Leaf eating caterpillars/ Aphids       Light irrigation is essential, In present weather conditions severe attack of caterpillars has been reported. Spray Azadiracht @6ml/litre of water when weather is clear.         Potato       Vegetative       Red Ants/ Late blight       Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml p water,         Potato       Vegetative       Red Ants/ Late blight       Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml p water,         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutwor advised,         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutwor advised,         Pincapple       Harvesting       Pruning to be followed after harvest. After pruning to be followed after harvest.         Apple       Fruit CROPS         Apple       Frowody aphid-Wipe the stem with cloth soaked mineral oil.         Apple       For woody aphid-Wipe the stem with cloth soaked mineral oil.         In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of w against canker and other diseases.         During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p Livestock       Stage         Provide clean and fresh water daily,       Avoid dampness, litter should be periodically chan Provide cl			· · · · · · · · · · · · · · · · · · ·	
Cabbage/ Brocolli/ KnolkholMaturing/ and the second seco	•		, v	
PotatoVegetativeRed Ants/ Late blightRidge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml p water, Foliar spray of Dithane M-45@2.5g/litre of management of potato late blight.PeaVegetativeCutworm• Regular monitoring of crop against attack of cutwo advised, • Drenching with Chlorpyriphos @ 2 ml per litre of vPeaVegetativeCutworm• Regular monitoring of crop against attack of cutwo advised, • Drenching with Chlorpyriphos @ 2 ml per litre of vLemon/other citrus fruitsMaturity/ Harvesting• Pruning to be followed after harvest. • After pruning, application of Bordeaux paste shoul be done for next season planting.Apple• For woody aphid-Wipe the stem with cloth soaked mineral oil. • In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of w against canker and other diseases. • During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p LIVESTOCKSLivestockStageDiseasePrecautionary Practices to be followed • Avoid dampness, litter should be periodically chan • Provide clean and fresh water daily,	Cabbage/ Brocolli/	U	caterpillars/	<ul> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
advised,       advised,         Drenching with Chlorpyriphos @ 2 ml per litre of v         Eemon/other       Maturity/         citrus fruits       Harvesting         Pineapple       Harvesting         Pineapple       After pruning, application of Bordeaux paste shoul         Pineapple       After winter harvest, collection/Selection of suckets be done for next season planting.         Apple       For woody aphid-Wipe the stem with cloth soaked mineral oil.         Maturity       In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of wa against canker and other diseases.         During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p LIVESTOCKS         Livestock       Stage         Poultry       All stages         Poultry       All stages	Potato	Vegetative		<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for a spray of Dithane pa spray of Dithane <u>M-45@2.5g/litre</u> pa spray</li></ul>
Lemon/other citrus fruitsMaturity/ Harvesting• Pruning to be followed after harvest. After pruning, application of Bordeaux paste shoul After winter harvest, collection/Selection of sucker be done for next season planting.Apple• After winter harvest, collection/Selection of sucker be done for next season planting.Apple• For woody aphid-Wipe the stem with cloth soaked mineral oil.In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of w against canker and other diseases.During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p LIVESTOCKSLivestockStagePoultryAll stages• Anvoid dampness, litter should be periodically chan • Provide clean and fresh water daily,	Pea	Vegetative	Cutworm	• Drenching with Chlorpyriphos @ 2 ml per litre of water,
citrus fruitsHarvesting• After pruning, application of Bordeaux paste shoulPineappleHarvesting• After winter harvest, collection/Selection of sucker be done for next season planting.Apple• For woody aphid-Wipe the stem with cloth soaked mineral oil.Apple• For woody aphid-Wipe the stem with cloth soaked mineral oil.In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of w against canker and other diseases.During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p LIVESTOCKSLivestockStageDiseasePrecautionary Practices to be followed • Provide clean and fresh water daily,	Lomon /othon	Maturity/		
Pineapple       Harvesting <ul> <li>After winter harvest, collection/Selection of sucker be done for next season planting.</li> <li>Apple</li> <li>For woody aphid-Wipe the stem with cloth soaked mineral oil.</li> <li>In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of waagainst canker and other diseases.</li> <li>During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p</li> </ul> Livestock         Stage         Disease         Precautionary Practices to be followed           Poultry         All stages <ul> <li>Avoid dampness, litter should be periodically chan</li> <li>Provide clean and fresh water daily,</li> </ul>		• •		0
Apple       • For woody aphid-Wipe the stem with cloth soaked mineral oil.         In bearing trees give a spray of Bordeaux mixture sulphate (2Kg)+quick lime (2kg) in 200litres of waagainst canker and other diseases.         • During December remove the soil around the colla and apply chaubatia paint or copper oxychloride p         Livestock       Stage         Poultry       All stages         • Avoid dampness, litter should be periodically chan         • Provide clean and fresh water daily,				After winter harvest, collection/Selection of suckers & slip to
sulphate (2Kg)+quick lime (2kg) in 200litres of ward against canker and other diseases.         buring December remove the soil around the collar and apply chaubatia paint or copper oxychloride paint oxychloride paint or copper oxychloride paint or copp	Apple			• For woody aphid-Wipe the stem with cloth soaked in
InterstockStageDiseasePrecautionary Practices to be followedPoultryAll stages• Avoid dampness, litter should be periodically chan• Provide clean and fresh water daily,				sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.
LIVESTOCKS         Livestock       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages       • Avoid dampness, litter should be periodically chan         • Provide clean and fresh water daily,				
Poultry       All stages       • Avoid dampness, litter should be periodically chan         • Provide clean and fresh water daily,			1	
Poultry       All stages       • Avoid dampness, litter should be periodically chan         • Provide clean and fresh water daily,	Livestock	Stage	Disease	Precautionary Practices to be followed
	Poultry			<ul> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Artificial heating through lighting of electric bulb durin night time to protect the poultry birds (day old to 25 day)</li> </ul>



			Avoid stagnant water near the shed,
			Vaccinate against swine fever,
			Avoid of eating human excreta,
			Provide ad libitum water,
Cattle	All stages	FMD	Vaccination of animal with FMD,
	0		Treatment – sick animals,
Rabbits	All stages	Snuffles	• Use broad spectrum antibiotic treatment like Gentamycin
	-		anrofloxcin under proper supervision of veterinary officials
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,
, ,	C	-	Provide standard feeds,
			Vaccination & deworming at regular interval.
Dog	All stages		Vaccinate against rabies,

### call at 03795226247/37

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



### (<u>Anjaw</u>)

### <u>No: 71/2014-15/Tue</u>

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
Max Temp: 6.0-7.0 <sup>o</sup> C, Min Temp: 1.0-	The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 3.0-
$2.0^{\circ}$ C, Wind Speed: 8-9Kmph, Wind	5.0°C, Min Temp: (-)9.0- (-)11.0°C, Cloud Cover: sky will be mainly clear
Direction: 84-103Degree, Rainfall: 0.0mm.	i.e. 0-10kta, Max RH: 66-83%, Min RH: 26-40%, Wind Speed: 9-
	11Kmph, Wind Direction: 86-99Degree.
	Weekly cumulative rainfall : 0.0mm

### Weather Based Agro-meteorological Advisories Bulletin

Obtain	seeds from re	eputed/certified	/reliable source,
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6m1/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
Dotato	Vogotativo	Dod Anto/	FIELD CROPS
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Harvesting		<ul><li>Pruning to be followed after harvest.</li><li>After pruning, application of Bordeaux paste should be done.</li></ul>
Pineapple	Harvesting		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
	1		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccination of birds as per the recommended age,</li> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
	ientists (ICAR 95226247/37		Staff or KVK staff for measures against adverse conditions or

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>

### (Changlang)



#### <u>No: 71/2014-15/Tue</u>

### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

### Weather summery of the previous week Weather forecast valid up to 28<sup>th</sup> December, 2014

Max Temp: 14.0°C, Min Temp: 1.0-2.0°C, Wind Speed: 6-7Kmph, Wind Direction: 89-97Degree, Rainfall: 0.0mm.

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 19-20.0°C, Min Temp: 5.0°C, Cloud Cover: sky will be clear i.e. 0 Okta, Max RH: 75-81%, Min RH: 23-35%, Wind Speed: 7Kmph, Wind Direction: 91-92Degree.

Weekly cumulative rainfall : 0.0mm

			ed/reliable source,
Crop	Stage	Pest/Disease	
	1		VEGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
			FIELD CROPS
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water fo management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other	Harvesting		Pruning to be followed after harvest.
citrus fruits Pineapple	Harvesting		<ul> <li>After pruning, application of Bordeaux paste should be done</li> <li>After winter harvest, collection/Selection of suckers &amp; slip to be done for next season planting.</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> </ul>
Pigs	New born/ All stages	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Dog	All stages		Vaccinate against rabies,
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>

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Integrated Agro-Meteorological Advisory Services ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar - 791 101</u>



### (Upper-Dibang-Valley)

#### No: 71/2014-15/Tue

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week						
Max Te	mp: 4.0	- 5.0°C, N	Iin Temp:			
$2.0^{0}$ C,	Wind	Speed:	7-8Kmph,	Wind		
Direction: 95-104Degree, Rainfall: 0.0mm.						

Weather forecast valid up to 28<sup>th</sup> December, 2014 The possibility of Rainfall is 0.0mm for the next five days. Max Temp: (-)1.0 - 2.0<sup>o</sup>C, Min Temp: (-)10.0- (-)11<sup>o</sup>C, Cloud Cover: sky will be mainly clear i.e. 0-1 Okta, Max RH: 68-80%, Min RH: 27-42%, Wind Speed: 8-11Kmph, Wind Direction: 70-106Degree. *Weekly cumulative rainfall : 0.0mm* 

			/reliable source,
Сгор	Stage	Pest/Disease	
			EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015% @6m1/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>FIELD CROPS</li> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Harvesting		<ul> <li>Pruning to be followed after harvest.</li> <li>After pruning, application of Bordeaux paste should be done.</li> </ul>
Apple			<ul> <li>For woody aphid-Wipe the stem with cloth soaked in mineral oil.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.</li> <li>During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint. LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> <li>Vaccination of birds as per the recommended age,</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul><li>Vaccinate with PPR,</li><li>Provide standard feeds,</li></ul>

• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>



### (East Kameng)

### <u>No: 71/2014-15/Tue</u>

#### Dated: 23rd December, 2014

### Agro Advisory Bulletin for the period 24<sup>th</sup> – 28<sup>th</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 28 <sup>th</sup> December, 2014
Max Temp: 5.0-8.0 <sup>o</sup> C, Min Temp: 0.0-	The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
$1.0^{\circ}$ C, Wind Speed: 4-8Kmph, Wind	$8.0^{\circ}$ C, Min Temp: $1.0^{\circ}$ C, Cloud Cover: sky will be mainly clear i.e. 0-
Direction: 83-160Degree, Rainfall: 0 mm.	1Okta, Max RH: 67-82%, Min RH: 33-48%, Wind Speed: 6-7Kmph, Wind
	Direction: 108-153Degree.
	Weekly cumulative rainfall : 0.0mm

### Weather Based Agro-meteorological Advisories Bulletin

			d/reliable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	1		EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>Light irrigation is essential,</li> <li>In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.</li> <li>Spray with neem based pesticides against aphids and painted bugs in cruciferous crops.</li> </ul>
	1	T	FIELD CROPS
Potato	Vegetative	Red Ants/ Late blight	<ul> <li>Ridge should be properly made,</li> <li>Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> <li>Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.</li> </ul>
Pea	Vegetative	Cutworm	<ul> <li>Regular monitoring of crop against attack of cutworm is advised,</li> <li>Drenching with Chlorpyriphos @ 2 ml per litre of water,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Harvesting		<ul><li>Pruning to be followed after harvest.</li><li>After pruning, application of Bordeaux paste should be done.</li></ul>
Pineapple	Harvesting		After winter harvest, collection/Selection of suckers & slip to be done for next season planting.     LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>

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