

West Siang, Basar – 791 101



# (East Kameng)

### <u>No: 69/2014-15/Tue</u>

#### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 6.0-9.0 <sup>o</sup> C, Min Temp: (-)3.0-	The possibility of Rainfall is 1.0mm for the next five days. Max Temp: 5.0-
$(-)5.0^{\circ}$ C, Wind Speed: 5-6Kmph, Wind	$8.0^{\circ}$ C, Min Temp: (-)5.0- (-)6.0°C, Cloud Cover: sky will be mainly clear
Direction: 120-150Degree, Rainfall: 0 mm.	i.e. 0-20kta, Max RH: 74-87%, Min RH: 30-47%, Wind Speed: 5-
-	14Kmph, Wind Direction: 121-155Degree.
	Weekly cumulative rainfall : 1.0mm

## Weather Based Agro-meteorological Advisories Bulletin

• Obtain			d/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%) @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>
	I		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>
	1	1	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.
	I		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>

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)





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

## (East Siang)

### No: 69/2014-15/Tue

### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period $17^{th} - 21^{st}$ December 2014

Weather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 23.0°C, Min Temp: 16.0°C, Wind	The possibility of Rainfall is 3.0mm for the next five days. Max Temp:
Speed: 6-8Kmph, Wind Direction: 279-	25.0°C, Min Temp: 16.0°C, Cloud Cover: sky will be mainly clear i.e. 0-
294Degree, Rainfall: 3.0mm.	30kta, Max RH: 78-85%, Min RH: 24-43%, Wind Speed: 7-11Kmph,
-	Wind Direction: 270-279Degree.
	Weekly cumulative rainfall: 3.0mm

### Weather Based Agro-meteorological Advisories Bulletin

			l/reliable source,
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
			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%) @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>
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.     LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Distast	<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> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
	ientists (ICAR) 3795226247,		Staff or KVK staff for measures against adverse conditions

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





Integrated Agro-Meteorological Advisory Services

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



# (<u>Lohit</u>)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 7.0-9.0 <sup>o</sup> C, Min Temp:	The possibility of Rainfall is 0.0mm for the next five days. Max
$(-)2.0 (-)6.0^{0}$ C, Wind Speed: 5-9Kmph,	Temp: 5.0-8.0 <sup>o</sup> C, Min Temp: (-)6.0- (-)8.0 <sup>o</sup> C, Cloud Cover: sky will
Wind Direction: 65-121Degree, Rainfall:	be mainly clear i.e. 0-3 Okta, Max RH: 80-94%, Min RH: 27-45%,
6.0mm.	Wind Speed: 6-11Kmph, Wind Direction: 66-73Degree.
	Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

	seeds from re	eputed/certified	d/reliable source,
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
		V	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 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.
	L	<u> </u>	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	1	<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> </ul>
			<ul> <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 day old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <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 day)</li> </ul>

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).



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



# (Lower-Dibang-Valley)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 10.0-13.0°C, Min Temp: 0.0 –	The possibility of Rainfall is 3.0mm for the next five days. Max Temp: 8.0-
$(-)1.0^{\circ}$ C, Wind Speed: 7-10Kmph, Wind	11.0°C, Min Temp: 0.0 - (-)4.0°C, Cloud Cover: sky will be mainly clear
Direction: 91-116Degree, Rainfall: 6.0mm.	i.e. 0-3 Okta, Max RH: 64-86%, Min RH: 28-47%, Wind Speed: 9-
-	14Kmph, Wind Direction: 69-102Degree.
	Weekly cumulative rainfall : 3.0mm

Brocolli/ Knolkhol       Aphids       caterpillars has been reported. Spray Azadirachtin(0.0) @6ml/litre of water when weather is clear.         Potato       Vegetative       Red Ants/ Late blight       Ridge should be properly made,         Potato       Vegetative       Red Ants/ Late blight       Ridge should be properly made,         Potato       Vegetative       Red Ants/ Late blight       Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water,         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutworm is advised,         Denching with Chlorpyriphos @ 2 ml per litre of water, citrus fruits       Pruning to be followed after harvest.         Etemon/other       Harvesting       Pruning to be followed after harvest.         Apple       Pruning to be followed after harvest.       State should be de (25:30g Thime 10g) or carbofur an (70-80g Furadan 3G removing Sem soil around the tree runk in the form of a band. If necessary give a spray of Chlorpyriphos (400ml) ektara (200gms) in 200litres of water) against canker and other diseases.         Apple       In bearing trees give a spray of Chlorpyriode proventuk time (2kg) in apple of water) ad apply chaubatia paint or copper oxychloride paint (2kg) in 200litres of water) against canker and other diseases.         During December remove the soil around the collar regin and apply chaubata paint or copper oxychloride paint (2kg) in 200litres of water) against canker and other diseases.         Poultry       All stages       Provoide clea		<u>Weather</u>	r Based Agro-	<u>me</u>	eteorological Advisories Bulletin	
VEGETABLE CROPS           Cauliflower/ Cabbage/ Brocolli/ Knolkhol         Vegetative/ Maturing/ Aphids         Leaf eating caterpillars/ Aphids         In present weather conditions severe attack of leaf eating outerpillars has been reported. Spray Azadirachtin(0.0) @6m1/Litre of water when weather is clear.           Nonkhol         Spray with neem based pesticides against aphids 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 litr water,           Pea         Vegetative         Cutworm         Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water,           Pea         Vegetative         Cutworm         Regular monitoring of crop against attack of cutworm is advised,           Drenching with Chlorpyriphos @ 2 ml per litre of water,         REUIT CROPS           Lemon/other         Harvesting         Pruning to be followed after harvest.           citrus fruits         After pruning, application of Bordeaux paste should be do removing 5cm soil around the tree runk in the form of a band. If necessary give a spray of Bordeaux mixture (copp subhate (2Kg), quick line (2kg) in 200litres of water) against canker and other diseases.           Apple         Treat the woolly apple aphid infested trees with phorate (2K-30g Thime 10g) or carbofram (7)-08g Furadan 30, removing 5cm soil around the tree runk in the form of a band. If necessary give a spray of Bordeaux mixture (copp subhate (2Kg), quick line (2kg) in 200						
Cauliflower/ Cabbage/ Brocolli/ Knolkhol       Vegetative/ Maturing/ Aphids       Leaf eating caterpillars has been reported. Spray Azadirachtin(0.01 @6ml/litre of water when weather is clear.         Potato       Vegetative       Red Ants/ Late blight       In present weather weather is clear.         Potato       Vegetative       Red Ants/ Late blight       Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water, -         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutworm is advised, -         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutworm is advised, -         Pea       Vegetative       Cutworm       Regular monitoring of crop against attack of cutworm is advised, -         Pea       Vegetating       Pruning to be followed after harvest. -         Lemon/other clrus fruits       Harvesting       Pruning to be followed after harvest. -         Apple       Treat the woolly apple aphid infested trees with phorate (25-30g Thime 10g) or carbofuran (70-80g Furadan 3G removing Scm soil around the tree trunk in the form of a band. If necessary give a spray of Bordeaux mixture (coppe sulphate (2Kg)+quick lime (2kg) in 200ltres of water) against canker and other diseases.         Poultry       All stages       During December remove the soil around the collar regi and apply chaubatia paint or copper oxychloride paint. LIVESTOCKS         Pigs       New born       Cold	Crop	Stage				
Cabbage/ Brocolli/ Knolkhol       Maturing/ Aphids       caterpillars/ Aphids       In present weather conditions severe attack of leaf ea caterpillars has been reported. Spray Azadirachin(0.0) (@ml/Litre of water when weather is clear.         Knolkhol       Spray with neem based pesticides against aphids painted bugs in cruciferous crops.         Potato       Vegetative       Red Ants/ Late blight       • Ridge should be properly made, • Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water, • Foliar spray of Dithane M-45@2.5g/litre of water 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, advised,         Pea       Vegetative       • Pruning to be followed after harvest. • After pruning, application of Bordeaux paste should be de (25-30g Thinet 10g) or carbofuran (70-80g Furadan 36 removing Scm soil around the tree trunk in the form of a band. If necessary give a spray of Chlorpyriphos (400ml) ektara (200gms) in 200litres of water. • In bearing trees give a spray of Bordeaux mixture (copp sulphate (2Kg) quick line (2kg) in 200litres of water) against canker and other diseases. • During December remove the soil around the collar regi and apply chubatian gaint or copper oxychloride paint. • Livestock         Stage       Disease       Precautionary Practices to be followed • 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 bub du might time to protent the poulty birds (day old to 25 old) from low temperature, • Pigs			V	'EG	ETABLE CROPS	
Potato       Vegetative       Red Ants/ Late blight       • Ridge should be properly made,         Petato       Vegetative       • Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water,         • Foliar spray of Dithane       M-45@2.5g/litre       of water management of potato late blight.         Pea       Vegetative       Cutworm       • Regular monitoring of crop against attack of cutworm is advised,         Pea       Vegetative       Cutworm       • Regular monitoring of crop against attack of cutworm is advised,         Lemon/other citrus fruits       Harvesting       • Pruning to be followed after harvest.         Pineapple       Harvesting       • Pruning to be followed after harvest.         Apple       • Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm sol around the tree trunk in the form of a band. If necessary give a spray of Bordeaux mixture (copps sulphate (2Kg)+quick lime (2Kg) in 200litres of water) against canker and other diseases.         • During December remove the soil around the collar regir and apply chaubatia paint or copper oxychloride paint.         Livestock       Stage       Precautionary Practices to be followed         Poultry       All stages       • Avoid dampness, litter should be periodically changed, • Provide clean and fresh water calaly, • Vaccination of birds as per the recommended age, • Artificial heating through lighting of electric bulb do night time to protect the poultry birds (day old to 25 old) from low	Cabbage/ Brocolli/		caterpillars/	•	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.	
Late blightRed Ants: - Drenching with Chlorpyriphos @ 2 ml per litr water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight.PeaVegetativeCutworm• Regular monitoring of crop against attack of cutworm is advised, • Drenching with Chlorpyriphos @ 2 ml per litre of water, • FRUIT CROPSLemon/other citrus fruitsHarvesting • Pruning to be followed after harvest. • After pruning, application of Bordeaux paste should be de (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of Chlorpyriphos (400m) ektar (200gms) in 200litres of water.Apple• Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of Bordeaux mixture (copp sulphate (2Kg)+quick lime (2kg) in 200litres of water.LivestockStageDiseasePoultryAll 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 do night time to protect the poultry birds (day old to 25 old) from low temperature,PigsNew bornCold• Pig she/stay should keep dry and avoid dampness, • Avoid stagnant water near the shed,	Datata	Vogetation	Dod Arts /			
IndustryInterformed advised,advised,Drenching with Chlorpyriphos @ 2 ml per litre of water,FRUIT CROPSLemon/other citrus fruitsAfter pruning, application of Bordeaux paste should be dedPineappleHarvesting• After winter harvest, collection/Selection of suckers & si be done for next season planting.Apple• Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) ektara (200gms) in 200litres of water.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 regio and apply chaubatia paint or copper oxychloride paint.LivestockStagePoultryAll stagesPoultryAll stagesPigsNew bornCold• Pig shed/stay should keep dry and avoid dampness, old stagnant water near the shed,	Potato	vegetative	'	•	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	
Lemon/other citrus fruitsHarvesting• Pruning to be followed after harvest. After pruning, application of Bordeaux paste should be do be done for next season planting.PineappleHarvesting• After winter harvest, collection/Selection of suckers & sli be done for next season planting.Apple• Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) ektara (200gms) in 200litres of water.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 regio and apply chaubatia paint or copper oxychloride paint.LivestockStagePoultryAll stagesPigsNew bornColdPig shed/stay should keep dry and avoid dampness, e Avoid stagnant water near the shed,	Pea	Vegetative	Cutworm	•	advised,	
citrus fruitsAfter pruning, application of Bordeaux paste should be dedPineappleHarvestingAfter winter harvest, collection/Selection of suckers & sli be done for next season planting.AppleTreat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) ektara (200gms) in 200litres of water.In bearing trees give a spray of Bordeaux mixture (copper sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.LivestockStageDiseasePrecautionary Practices to be followedPoultryAll stagesAvoid 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 du night time to protect the poultry birds (day old to 25 old) from low temperature,PigsNew bornColdPig shed/stay should keep dry and avoid dampness, Avoid stagnant water near the shed,				1		
PineappleHarvesting• After winter harvest, collection/Selection of suckers & sli be done for next season planting.Apple• Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) ektara (200gms) in 200litres of water.In bearing trees give a spray of Bordeaux mixture (coppe sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.LivestockStagePoultryAll stagesPoultryAll stagesPigsNew bornColdPig shed/stay should keep dry and avoid dampness, old stagnant water near the shed,	,	Harvesting		•	6	
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LivestockStageDiseasePrecautionary Practices to be followedPoultryAll 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 du night time to protect the poultry birds (day old to 25 old) from low temperature,PigsNew bornCold• Pig shed/stay should keep dry and avoid dampness, • Avoid stagnant water near the shed,	Apple			•	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	
LivestockStageDiseasePrecautionary Practices to be followedPoultryAll 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 du night time to protect the poultry birds (day old to 25 old) from low temperature,PigsNew bornCold• Pig shed/stay should keep dry and avoid dampness, • Avoid stagnant water near the shed,						
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 du night time to protect the poultry birds (day old to 25 old) from low temperature,         Pigs       New born         Cold       • Pig shed/stay should keep dry and avoid dampness,         • Avoid stagnant water near the shed,	<b>.</b>	C:	D:			
<ul> <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 du night time to protect the poultry birds (day old to 25 old) from low temperature,</li> <li>Pigs New born Cold</li> <li>Pig shed/stay should keep dry and avoid dampness,</li> <li>Avoid stagnant water near the shed,</li> </ul>		-	Disease			
PigsNew bornColdPig shed/stay should keep dry and avoid dampness,• Avoid stagnant water near the shed,	Poultry	All stages		• • • •	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 days	
<ul> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> </ul>	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,	
Cattle     All stages     FMD     Vaccination of animal with FMD,	Cattle	All stages	FMD	•		

Goat/Sheep       All stages       Goat pox       • Vaccinate with PPR,         • Provide standard feeds,       • Provide standard feeds,         • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37				• Treatment – sick animals,			
Vaccination & deworming at regular interval,     Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions on	Goat/SheepAll stagesGoat pox•Vaccinate with PPR,						
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or		Provide standard feeds,					
				• Vaccination & deworming at regular interval,			

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



# (Lower Subansiri)

### <u>No: 69/2014-15/Tue</u>

#### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 2.0-5.0°C, Min Temp: (-)6.0 –	The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 0.0-
$(-)7.0^{\circ}$ C, Wind Speed: 3-4Kmph, Wind	$4.0^{\circ}$ C, Min Temp: (-) $8.0 - (-)9.0^{\circ}$ C, Cloud Cover: sky will be mainly clear
Direction: 212-271Degree, Rainfall: 0.0mm.	i.e. 0-3 Okta, Max RH: 66-90%, Min RH: 24-58%, Wind Speed: 3-
	17Kmph, Wind Direction: 224-287Degree.
	Weekly cumulative rainfall : 0.0mm

Obtain	seeds from re	puted/certifie	d/reliable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>F</b>			EGETABLE CROPS
Cauliflower/	Vegetative/	Leaf eating	• Light irrigation is essential,
Cabbage/ Brocolli/ Knolkhol	Maturing/	caterpillars/ Aphids	<ul> <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>
		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.
Apple			• Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.
			<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. LIVESTOCKS
Livestock	Stago	Disease	Precautionary Practices to be followed
	Stage	DISEASE	
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 durin night time to protect the poultry birds (day old to 25 day 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>Dravida ed libitum water</li> </ul>

Provide ad libitum water,

•

Cattle	Cattle All stages FMD • Vaccination of animal with FMD,					
<ul> <li>Treatment – sick animals,</li> </ul>						
Goat/Sheep	Goat/Sheep All stages Goat pox • Vaccinate with PPR,					
Provide standard feeds,						
<ul> <li>Vaccination &amp; deworming at regular interval,</li> </ul>						
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37						

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



# (<u>Papum Pare</u>)

#### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week					
Max Temp: 26.0°C, Min Temp: 13.0°C, Wind	. T				
Speed: 5-6Kmph, Wind Direction: 81-	26				
278Degree, Rainfall: 0.0mm.					
	X				

Weather forecast valid up to 21<sup>st</sup> December, 2014
The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
26.0°C, Min Temp: 11.0-12.0°C, Cloud Cover: sky will be mainly clear i.e.
0-1 Okta, Max RH: 72-81%, Min RH: 30-43%, Wind Speed: 5-7Kmph, Wind Direction: 73-283Degree.
Weekly cumulative rainfall :0.0mm

• Obtain	seeds from rep	uted/certified/re	hable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cauliflower/	Vegetative/	Leaf eating	• Light irrigation is essential,
Cabbage/ Brocolli/ Knolkhol	Maturing/	caterpillars/ Aphids	<ul> <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> <li>FIELD CROPS</li> </ul>
Potato	Vegetative	Red Ants/	Ridge should be properly made,
rotato	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>
			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.
	<u>a</u> .		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <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		<ul> <li>Vaccinate against rabies ,</li> </ul>
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

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



### (Tawang)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

## Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 8.0-9.0°C, Min Temp: 0.0-1.0°C,	The possibility of Rainfall is 3.0mm for the next five days. Max Temp: 8.0-
Wind Speed: 6-12Kmph, Wind Direction: 96-	$9.0^{\circ}$ C, Min Temp: 0.0- $1.0^{\circ}$ C, Cloud Cover: sky will be mainly clear i.e. 0-
250Degree, Rainfall: 4.0mm.	20kta, Max RH: 54-87%, Min RH: 22-44%, Wind Speed: 5-19Kmph,
	Wind Direction: 43-251Degree.
	Weekly cumulative rainfall : 3.0mm

	<u>Weather E</u>	<u>Based Agro-r</u>	<u>neteorological Advisories Bulletin</u>
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VE	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 an painted bugs in cruciferous crops.</li> </ul>
			FRUIT CROPS
Apple			<ul> <li>Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.</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> </ul>
			• During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint.
			LIVESTOCKS
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>

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang)

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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>



# (<u>Tirap</u>)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
	The possibility of Rainfall is 0.0mm for the next five days. Max
12.0°C, Wind Speed: 2-4Kmph, Wind	Temp: $23.0-24.0^{\circ}$ C, Min Temp: $12.0^{\circ}$ C, Cloud Cover: sky will be
Direction: 148-168Degree, Rainfall:	mainly clear i.e. 0-2 Okta, Max RH: 86-99%, Min RH: 35-45%,
0.0mm.	Wind Speed: 2-4Kmph, Wind Direction: 139-188Degree.
	Weekly cumulative rainfall : 0.0mm

Weather Based	Agro-meteoro	logical Advis	ories Rulletin
weather Daseu	Agiumieleuiu	iugical Auvis	or les durieur

Obtain		eputed/certifie		eliable source,	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
	VEGETABLE 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.	
		1	r	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,	
		1	1	FRUIT CROPS	
Lemon/other citrus fruits	Harvesting		•	Pruning to be followed after harvest. 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, Treatment – sick animals,	
	ientists (ICAR 95226247/3'		Sta	ff or KVK staff for measures against adverse conditions or	

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West Siang, Basar – 791 101



## (Upper Siang)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week Max Temp: 3.0-7.0<sup>o</sup>C, Min Temp: (-)2.0-(-)4.0<sup>o</sup>C, Wind Speed: 4-8Kmph, Wind Direction: 118-233Degree, Rainfall: 8.0mm.

Weather forecast valid up to 21<sup>st</sup> December, 2014
The possibility of Rainfall is 11.0mm for the next five days. Max
Temp: 2.0-6.0<sup>o</sup>C, Min Temp: (-)5.0-(-)6.0<sup>o</sup>C, Cloud Cover: sky will
be partly cloudy i.e. 0-40kta, Max RH: 56-90%, Min RH: 25-62%, Wind Speed: 4-19Kmph, Wind Direction: 129-158Degree.
Weekly cumulative rainfall : 11.0mm

Weather Based Agro-meteorological Advisories Bulletin

• Obtain	seeds from re	eputed/certifie	d/reliable source,	
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
<u> </u>	Singe		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>	
	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				
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>	
Cattle	All stages	FMD	Vaccination of animal with FMD,	
Cattle			Treatment – sick animals,	
Cattle			· · · · · · · · · · · · · · · · · · ·	
Dog	All stages	Snuffles	Vaccinate against rabies,	

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Agrometeorological Field Unit



# (Upper Subansiri)

### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	Weathe
Max Temp: 4.0-6.0°C, Min Temp: (-)3.0-	The pos
$(-)4.0^{\circ}$ C, Wind Speed: 4-6Kmph, Wind	$5.0^{\circ}$ C, N
Direction: 233-308Degree, Rainfall: 0.0mm.	i.e. 0-4
	15Kmph

er forecast valid up to 21<sup>st</sup> December, 2014 ssibility of Rainfall is 0.0mm for the next five days. Max Temp: 2.0-Min Temp: (-)5.0- (-)7.0<sup>o</sup>C, Cloud Cover: sky will be partly cloudy Okta, Max RH: 70-92%, Min RH: 27-63%, Wind Speed: 3-15Kmph, Wind Direction: 274-328Degree. Weekly cumulative rainfall : 0.0mm

<u>Weather Based Agro-meteorological Advisories Bulletin</u> Obtain seeds from reputed/certified/reliable source,						
Сгор	Stage	Pest/Disease				
0 1.0 /	No sector times (		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>			
	Γ		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			• After pruning, application of Bordeaux paste should be done.			
Pineapple	Harvesting		<ul> <li>After winter harvest, collection/Selection of suckers &amp; slip to be done for next season planting.</li> </ul>			
Apple			<ul> <li>Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper</li> </ul>			
			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		<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>			

Cattle	All stages	FMD	٠	Vaccination of animal with FMD,
			٠	Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	٠	Vaccinate with PPR,
			٠	Provide standard feeds,
			٠	Vaccination & deworming at regular interval.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37				

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Integrated Agro-Meteorological Advisory Services

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



### (West Kameng)

### <u>No: 69/2014-15/Tue</u>

#### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
	The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 9.0-
Wind Speed: 7-8Kmph, Wind Direction: 67-	11.0 °C, Min Temp: 3.0°C, Cloud Cover: sky will be mainly clear i.e. 0-
198Degree, Rainfall: 3 mm.	10kta, Max RH: 74-86%, Min RH: 33-44%, Wind Speed: 7-13Kmph,
	Wind Direction: 47-196Degree.

Weekly cumulative rainfall : 0.0mm

### Weather Based Agro-meteorological Advisories Bulletin

Сгор	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE 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			Treat the woolly apple aphid infested trees with phorate		
прис			<ul> <li>(25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.</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> </ul>		
			LIVESTOCKS		
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>		
	entists (ICAR) ( 5226247 (KVK		aff or KVK staff for measures against adverse conditions or		

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(West Siang)

#### No: 69/2014-15/Tue

Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

We ather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
Rainfall: 0.0mm, Max and min temp varied between 22.0-	The possibility of Rainfall is 4.0mm for next five days. Max
23.0°C and 11.0°C respectively. The sky was mainly	and min temp will be varied between 22°C and 10.0-11.0°C
cloudy i.e. 1-6 Okta; Wind speed: 5-7kmph, Wind	respectively. The sky will be partly cloudy <i>i.e.</i> 0-4 Okta;
direction: 251-307degree, Max RH: 72-91% and Min RH:	Relative humidity will be varied between 77-90% and 27-
31-47%.	55% in the morning and afternoon respectively. The wind will
	be 6-12kmph. The wind will blow from variable direction at
	271-301degree.
	Weekly cumulative rainfall: 4.0mm

# Weather Based Agro-meteorological Advisories Bulletin

Obtain	Obtain seeds from reputed/certified/reliable source,				
Сгор					
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>		
	[	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>		
Реа	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	Maturity/		Pruning to be followed after harvest.		
citrus fruits Pineapple	Harvesting Harvesting		<ul> <li>After pruning, application of Bordeaux paste should be done.</li> <li>After winter harvest, collection/Selection of suckers &amp; slip to</li> </ul>		
			be done for next season planting.		
Apple			<ul> <li>Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper</li> </ul>		
			sulphate (2Kg)+quick lime (2kg) in 200litres of water) against canker and other diseases.		
			<ul> <li>During December remove the soil around the collar region and apply chaubatia paint or copper oxychloride paint.</li> </ul>		
			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>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)</li> </ul>		

			old) from low temperature.
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>
Rabbits	All stages	Snuffles	• Use broad spectrum antibiotic treatment like Gentamycin, anrofloxcin under proper supervision of veterinary officials
Goat/Sheep	All stages	Goat pox	<ul> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval.</li> </ul>
Dog	All stages		Vaccinate against rabies,
	ientists (ICAR) 95226247/37	or State Agril	Staff or KVK staff for measures against adverse conditions or

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West Siang, Basar - 791 101



(Anjaw)

### No: 69/2014-15/Tue

### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 4.0-6.0 <sup>o</sup> C, Min Temp: (-)5.0-	The possibility of Rainfall is 7.0mm for the next five days. Max Temp: 1.0-
$(-)8.0^{\circ}$ C, Wind Speed: 5-11Kmph, Wind	$5.0^{\circ}$ C, Min Temp: (-)8.0- (-)10.0°C, Cloud Cover: sky will be partly cloudy
Direction: 70-120Degree, Rainfall: 11.0mm.	i.e. 0-30kta, Max RH: 70-88%, Min RH: 28-55%, Wind Speed: 7-
-	15Kmph, Wind Direction: 30-96Degree.
	Weekly cumulative rainfall : 7.0mm

# Weather Based Agro-meteorological Advisories Bulletin

Obtain	Obtain seeds from reputed/certified/reliable source,				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
			EG	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%) @6ml/litre of water when weather is clear. Spray with neem based pesticides against aphids and painted bugs in cruciferous crops. FIELD CROPS	
Dotato	Vegetative	Ded Ante/	<u> </u>		
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,	
I /athor	II			FRUIT CROPS	
Lemon/other citrus fruits	Harvesting		•	Pruning to be followed after harvest.	
Pineapple	Harvesting		•	After pruning, application of Bordeaux paste should be done. After winter harvest, collection/Selection of suckers & slip to be done for next season planting.	
			<u> </u>	LIVESTOCKS	
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	All stages		•	Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily. 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, Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Avoid stagnant water near the shed,	
Cattle	All stages	FMD	•	Vaccination of animal with FMD, Treatment – sick animals, Vaccination & deworming at regular interval,	
	cientists (ICAR 95226247/37		Staf	f or KVK staff for measures against adverse conditions or	

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No: 69/2014-15/Tue

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

<u>West Siang, Basar – 791 101</u>



### Dated: 16th December, 2014

# Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	We ather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: 22.0-23.0°C, Min Temp: 12.0°C,	The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
Wind Speed: 4-7Kmph, Wind Direction: 91-	22.0-23.0°C, Min Temp: 10.0-11.0°C, Cloud Cover: sky will be partly
153Degree, Rainfall: 0.0mm.	cloudy i.e. 0-30kta, Max RH: 79-97%, Min RH: 28-40%, Wind Speed: 6-
-	8Kmph, Wind Direction: 91-120Degree.
	Weekly cumulative rainfall : 0.0mm

			-meteorological Advisories Bulletin
			ed/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>
	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
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	)) on Chata As 1	<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>
	ientists (ICAF 3795226247		Staff or KVK staff for measures against adverse conditions

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



## (Upper-<u>Dibang-Valley</u>)

#### No: 69/2014-15/Tue

#### Dated: 16th December, 2014

### Agro Advisory Bulletin for the period 17<sup>th</sup> – 21<sup>st</sup> December 2014

Weather summery of the previous week	Weather forecast valid up to 21 <sup>st</sup> December, 2014
Max Temp: (-)1.0 - (-)3.0°C, Min Temp:	The possibility of Rainfall is 6.0mm for the next five days. Max Temp:
$(-)6.0 - (-)8.0^{\circ}$ C, Wind Speed: 7-9Kmph,	$(-)1.0 - 2.0^{\circ}$ C, Min Temp: $(-)7.0 - (-)13.0^{\circ}$ C, Cloud Cover: sky will be
Wind Direction: 95-136Degree, Rainfall:	mainly cloudy i.e. 0-6 Okta, Max RH: 62-86%, Min RH: 33-67%, Wind
9.0mm.	Speed: 8-18Kmph, Wind Direction: 41-117Degree.
	Weekly cumulative rainfall : 6.0mm

Weather Based Agro-meteorological Advisories Bulletin						
• Obtain	Obtain seeds from reputed/certified/reliable source,					
Сгор	Stage	Pest/Disease	e Precautionary Practices to be followed			
		V	EGETABLE CROPS			
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul> <li>caterpillars has been reported. Spray Azadirachtin(0.015%)</li> <li>@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>			
		<u>.</u>	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>			
l	1	<u> </u>	FRUIT CROPS			
Lemon/other	Harvesting	ı	Pruning to be followed after harvest.			
, citrus fruits	1	1	• After pruning, application of Bordeaux paste should be done.			
Apple			<ul> <li>Treat the woolly apple aphid infested trees with phorate (25-30g Thimet 10g) or carbofuran (70-80g Furadan 3G) by removing 5cm soil around the tree trunk in the form of a band. If necessary give a spray of chlorpyriphos (400ml) or ektara (200gms) in 200litres of water.</li> <li>In bearing trees give a spray of Bordeaux mixture (copper</li> </ul>			
			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		<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</li> </ul>			

night time to protect the poultry birds (day old to 25 days

Vaccination of birds as per the recommended age,

Pig shed/stay should keep dry and avoid dampness,

old) from low temperature.

Vaccinate against swine fever,

Avoid of eating human excreta,

Avoid stagnant water near the shed,

Vaccination of animal with FMD,

Provide ad libitum water,

Treatment – sick animals,

Vaccinate with PPR,

Cold

FMD

Goat pox

•

•

•

•

•

•

New born

All stages

All stages

Pigs

Cattle

Goat/Sheep

		•	Provide standard feeds,
•	ientists (ICAR) 95226247/37	, 0	aff or KVK staff for measures against adverse conditions or

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