



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(East Kameng)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 6.0-9.0°C, Min Temp: (-)3.0-(-)5.0°C, Wind Speed: 5-6Kmph, Wind Direction: 120-150Degree, Rainfall: 0 mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 1.0mm for the next five days. Max Temp: 5.0-8.0°C, Min Temp: (-)5.0- (-)6.0°C, Cloud Cover: sky will be mainly clear i.e. 0-2Okta, 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 seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyriphos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• 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 style="list-style-type: none">• 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 days old) from low temperature.
Pigs	New born	Cold	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
<ul style="list-style-type: none">• 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: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(East Siang)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 23.0°C, Min Temp: 16.0°C, Wind Speed: 6-8Kmph, Wind Direction: 279-294Degree, Rainfall: 3.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 3.0mm for the next five days. Max Temp: 25.0°C, Min Temp: 16.0°C, Cloud Cover: sky will be mainly clear i.e. 0-3Okta, 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

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> • 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none"> • Ridge should be properly made, • Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water, • Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none"> • Regular monitoring of crop against attack of cutworm is advised, • Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none"> • Pruning to be followed after harvest. • After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none"> • 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 style="list-style-type: none"> • 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 days old) from low temperature.
Pigs	New born	Cold	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Vaccination of animal with FMD, • Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> • Vaccinate with PPR, • Provide standard feeds, • Vaccination & deworming at regular interval,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(Lohit)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 7.0-9.0⁰C, Min Temp: (-)2.0- (-)6.0⁰C, Wind Speed: 5-9Kmph, Wind Direction: 65-121Degree, Rainfall: 6.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 5.0-8.0⁰C, Min Temp: (-)6.0- (-)8.0⁰C, Cloud Cover: sky will be mainly clear i.e. 0-3 Okta, Max RH: 80-94%, Min RH: 27-45%, Wind Speed: 6-11Kmph, Wind Direction: 66-73Degree.

Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• 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 style="list-style-type: none">• 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 days old) from low temperature.
Pigs	New born	Cold	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
<ul style="list-style-type: none">• 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

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101

(Lower-Dibang- Valley)



No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 10.0-13.0°C, Min Temp: 0.0 – (-)1.0°C, Wind Speed: 7-10Kmph, Wind Direction: 91-116Degree, Rainfall: 6.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 3.0mm for the next five days. Max Temp: 8.0-11.0°C, Min Temp: 0.0 - (-)4.0°C, Cloud Cover: sky will be mainly clear 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

Weather Based Agro-meteorological Advisories Bulletin

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
Apple			<ul style="list-style-type: none">• 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 chlorpyrifos (400ml) or 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 region and apply chaubatia paint or copper oxychloride paint.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• 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 days old) from low temperature,
Pigs	New born	Cold	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,

			<ul style="list-style-type: none">• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none">• Vaccinate with PPR,• Provide standard feeds,• Vaccination & deworming at regular interval,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Agrometeorological Field Unit
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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(Lower Subansiri)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 2.0-5.0°C, Min Temp: (-)6.0 – (-)7.0°C, Wind Speed: 3-4Kmph, Wind Direction: 212-271Degree, Rainfall: 0.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 0.0-4.0°C, Min Temp: (-)8.0 - (-)9.0°C, Cloud Cover: sky will be mainly clear 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

Weather Based Agro-meteorological Advisories Bulletin

- Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">Ridge should be properly made,Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">Regular monitoring of crop against attack of cutworm is advised,Drenching with Chlorpyriphos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">Pruning to be followed after harvest.After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
Apple			<ul style="list-style-type: none">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.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		<ul style="list-style-type: none">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 days old) from low temperature.
Pigs	New born	Cold	<ul style="list-style-type: none">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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none">• Vaccinate with PPR,• Provide standard feeds,• Vaccination & deworming at regular interval,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 26.0^oC, Min Temp: 13.0^oC, Wind Speed: 5-6Kmph, Wind Direction: 81-278Degree, Rainfall: 0.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 26.0^oC, Min Temp: 11.0-12.0^oC, 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

Weather Based Agro-meteorological Advisories Bulletin

- Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">Ridge should be properly made,Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">Regular monitoring of crop against attack of cutworm is advised,Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">Pruning to be followed after harvest.After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">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 style="list-style-type: none">Day old chick-Maintain warmth by lighting,Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,Vaccination of birds as per the recommended age,Prevent from Coccidiosis give Anti coucidid drops,During day time provide proper ventilation,Add multivitamin feeds (More of Vit C)Add Amprolium to the ration,Regular check the litter materials to prevent from caking,
Pigs	New born/ All stages	Cold	<ul style="list-style-type: none">Vaccinate against swine fever,Avoid stagnant water near the shed,Avoid of eating human excreta,Provide ad libitum water,Deworming of piglets after 2 months,
Cattle	All stages	FMD	<ul style="list-style-type: none">Vaccination of animal with FMD,Treatment – sick animals,
Dog	All stages		<ul style="list-style-type: none">Vaccinate against rabies ,
Sheep/Goat	All stages		<ul style="list-style-type: none">Vaccination & deworming at regular interval.Vaccinate with PPR,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

**Agrometeorological Field Unit
ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 8.0-9.0⁰C, Min Temp: 0.0-1.0⁰C,
Wind Speed: 6-12Kmph, Wind Direction: 96-
250Degree, Rainfall: 4.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 3.0mm for the next five days. Max Temp: 8.0-
9.0⁰C, Min Temp: 0.0-1.0⁰C, Cloud Cover: sky will be mainly clear i.e. 0-
2Okta, Max RH: 54-87%, Min RH: 22-44%, Wind Speed: 5-19Kmph,
Wind Direction: 43-251Degree.

Weekly cumulative rainfall : 3.0mm

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">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.
FRUIT CROPS			
Apple			<ul style="list-style-type: none">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 chlorpyrifos (400ml) or 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 region and apply chaubatia paint or copper oxychloride paint.
LIVESTOCKS			
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">Day old chick-Maintain warmth by lighting,Vaccination of birds as per the recommended age,Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,Prevent from Coccidiosis give anti coucidid drops,Provide limited ventilation,Add multivitamin feeds (More of Vit C)Add Amprolium to the ration,Regular check the litter materials to prevent from caking,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,Vaccinate against swine fever,Avoid stagnant water near the shed,Avoid of eating human excreta,Provide ad libitum water,Deworming of piglets after 2 months,
Cattle	All stages	FMD	<ul style="list-style-type: none">Vaccination of animal with FMD,Treatment – sick animals,
Dog	All stages		<ul style="list-style-type: none">Vaccinate against rabies ,
Sheep/Goat	All stages		<ul style="list-style-type: none">Vaccination & deworming at regular interval.Vaccinate with PPR,

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or 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, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(Tirap)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Weather forecast valid up to 21st December, 2014

Max Temp: 23.0-24.0⁰C, Min Temp: 12.0⁰C, Wind Speed: 2-4Kmph, Wind Direction: 148-168Degree, Rainfall: 0.0mm.

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 23.0-24.0⁰C, Min Temp: 12.0⁰C, Cloud Cover: sky will be mainly clear i.e. 0-2 Okta, Max RH: 86-99%, Min RH: 35-45%, Wind Speed: 2-4Kmph, Wind Direction: 139-188Degree.

Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyriphos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• 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 style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 3.0-7.0⁰C, Min Temp: (-)2.0-(-)4.0⁰C, Wind Speed: 4-8Kmph, Wind Direction: 118-233Degree, Rainfall: 8.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 11.0mm for the next five days. Max Temp: 2.0-6.0⁰C, Min Temp: (-)5.0-(-)6.0⁰C, Cloud Cover: sky will be partly cloudy i.e. 0-4Okta, 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 reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> • 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none"> • Ridge should be properly made, • Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water, • Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none"> • Regular monitoring of crop against attack of cutworm is advised, • Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none"> • Pruning to be followed after harvest. • After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none"> • 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 style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Vaccination of animal with FMD, • Treatment – sick animals,
Dog	All stages		<ul style="list-style-type: none"> • Vaccinate against rabies,
Rabbits	All stages	Snuffles	<ul style="list-style-type: none"> • Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

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**Agrometeorological Field Unit
ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 4.0-6.0°C, Min Temp: (-)3.0-(-)4.0°C, Wind Speed: 4-6Kmph, Wind Direction: 233-308Degree, Rainfall: 0.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 2.0-5.0°C, Min Temp: (-)5.0- (-)7.0°C, Cloud Cover: sky will be partly cloudy i.e. 0-4 Okta, Max RH: 70-92%, Min RH: 27-63%, Wind Speed: 3-15Kmph, Wind Direction: 274-328Degree.

Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

- Obtain seeds from reputed/certified/reliable source,

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
Apple			<ul style="list-style-type: none">• 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 chlorpyrifos (400ml) or 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 region and apply chaubatia paint or copper oxychloride paint.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• 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 coccid 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none">• Vaccinate with PPR,• Provide standard feeds,• Vaccination & deworming at regular interval.
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Weather forecast valid up to 21st December, 2014

Max Temp: 9.0-10.0°C, Min Temp: 3.0°C,
Wind Speed: 7-8Kmph, Wind Direction: 67-
198Degree, Rainfall: 3 mm.

The possibility of Rainfall is 0.0mm for the next five days. Max Temp: 9.0-
11.0 °C, Min Temp: 3.0°C, Cloud Cover: sky will be mainly clear i.e. 0-
1Okta, 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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">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.
FRUIT CROPS			
Apple			<ul style="list-style-type: none">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 chlorpyrifos (400ml) or 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 region and apply chaubatia paint or copper oxychloride paint.
LIVESTOCKS			
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">Day old chick-Maintain warmth by lighting,Vaccination of birds as per the recommended age,Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,Prevent from Coccidiosis give anti coucidid drops,Provide limited ventilation,Add multivitamin feeds (More of Vit C)
Pigs	New born	Cold	<ul style="list-style-type: none">Vaccinate against swine fever,Avoid stagnant water near the shed,Avoid of eating human excreta,Provide ad libitum water,Deworming of piglets after 2 months,
Cattle	All stages	FMD	<ul style="list-style-type: none">Vaccination of animal with FMD,Treatment – sick animals,
Dog	All stages		<ul style="list-style-type: none">Vaccinate against rabies,
Sheep/Goat	All stages		<ul style="list-style-type: none">Vaccination & deworming at regular interval.Vaccinate with PPR,
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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Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(West Siang)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Rainfall: 0.0mm, Max and min temp varied between 22.0-23.0°C and 11.0°C respectively. The sky was mainly cloudy *i.e.* 1-6 Okta; Wind speed: 5-7kmph, Wind direction: 251-307degree, Max RH: 72-91% and Min RH: 31-47%.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 4.0mm for next five days. Max and min temp will be varied between 22°C and 10.0-11.0°C respectively. The sky will be partly cloudy *i.e.* 0-4 Okta; Relative humidity will be varied between 77-90% and 27-55% 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 seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyriphos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Maturity/ Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• After winter harvest, collection/Selection of suckers & slip to be done for next season planting.
Apple			<ul style="list-style-type: none">• 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.• 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		<ul style="list-style-type: none">• 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Vaccination of animal with FMD, Treatment – sick animals,
Rabbits	All stages	Snuffles	<ul style="list-style-type: none"> Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none"> Vaccinate with PPR, Provide standard feeds, Vaccination & deworming at regular interval.
Dog	All stages		<ul style="list-style-type: none"> Vaccinate against rabies,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

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Agro Meteorological Field Unit
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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(Anjaw)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 4.0-6.0°C, Min Temp: (-)5.0-(-)8.0°C, Wind Speed: 5-11Kmph, Wind Direction: 70-120Degree, Rainfall: 11.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 7.0mm for the next five days. Max Temp: 1.0-5.0°C, Min Temp: (-)8.0- (-)10.0°C, Cloud Cover: sky will be partly cloudy i.e. 0-3Okta, 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 seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyriphos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• 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 style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,• 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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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101



(Changlang)

No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: 22.0-23.0°C, Min Temp: 12.0°C,
Wind Speed: 4-7Kmph, Wind Direction: 91-
153Degree, Rainfall: 0.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 0.0mm for the next five days. Max Temp:
22.0-23.0°C, Min Temp: 10.0-11.0°C, Cloud Cover: sky will be partly
cloudy i.e. 0-3Okta, Max RH: 79-97%, Min RH: 28-40%, Wind Speed: 6-
8Kmph, Wind Direction: 91-120Degree.

Weekly cumulative rainfall : 0.0mm

Weather Based Agro-meteorological Advisories Bulletin

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Pineapple	Harvesting		<ul style="list-style-type: none">• 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 style="list-style-type: none">• Vaccination of birds as per the recommended age,• Prevent from Coccidiosis give anti coucidid drops,• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,• During day time provide proper ventilation,• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration,Regular check the litter materials to prevent from caking,
Pigs	New born/ All stages	Cold	<ul style="list-style-type: none">• Vaccinate against swine fever,• Avoid of eating human excreta,• Provide ad libitum water,• Avoid stagnant water near the shed,
Cattle	All stages	FMD	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
Dog	All stages		<ul style="list-style-type: none">• Vaccinate against rabies,
Sheep/Goat	All stages		<ul style="list-style-type: none">• Vaccination & deworming at regular interval.• Vaccinate with PPR,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Number: - 03795-226247/37, -96 (Fax)

**Agrometeorological Field Unit
ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101

(Upper-Dibang- Valley)



No: 69/2014-15/Tue

Dated: 16th December, 2014

Agro Advisory Bulletin for the period 17th – 21st December 2014

Weather summary of the previous week

Max Temp: (-)1.0 - (-)3.0°C, Min Temp: (-)6.0 – (-)8.0°C, Wind Speed: 7-9Kmph, Wind Direction: 95-136Degree, Rainfall: 9.0mm.

Weather forecast valid up to 21st December, 2014

The possibility of Rainfall is 6.0mm for the next five days. Max Temp: (-)1.0 - 2.0°C, Min Temp: (-)7.0 - (-)13.0°C, Cloud Cover: sky will be mainly cloudy i.e. 0-6 Okta, Max RH: 62-86%, Min RH: 33-67%, Wind Speed: 8-18Kmph, Wind Direction: 41-117Degree.

Weekly cumulative rainfall : 6.0mm

Weather Based Agro-meteorological Advisories Bulletin

- **Obtain seeds from reputed/certified/reliable source,**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none">• 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			
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">• Ridge should be properly made,• Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,• Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">• Regular monitoring of crop against attack of cutworm is advised,• Drenching with Chlorpyrifos @ 2 ml per litre of water,
FRUIT CROPS			
Lemon/other citrus fruits	Harvesting		<ul style="list-style-type: none">• Pruning to be followed after harvest.• After pruning, application of Bordeaux paste should be done.
Apple			<ul style="list-style-type: none">• 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 chlorpyrifos (400ml) or 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 region and apply chaubatia paint or copper oxychloride paint.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• 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.• Vaccination of birds as per the recommended age,
Pigs	New born	Cold	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Vaccination of animal with FMD,• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	<ul style="list-style-type: none">• Vaccinate with PPR,

			<ul style="list-style-type: none">• Provide standard feeds,
<ul style="list-style-type: none">• 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
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