

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



### (Upper-Dibang-Valley)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 9.0-15.0°C, Min Temp: 6.0°C, Wind Speed: 2-5Kmph, Wind Direction: 92-146Degree, Rainfall: 126.0mm.

The possibility of Rainfall is 76.0mm for the next five days. Max Temp: 10.0-13.0°C, Min Temp: 3.0-4.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 93-96%, Min RH: 60-83%, Wind Speed: 3-5Kmph, Wind Direction: 85-127Degree.

Weekly cumulative rainfall: 76.0mm

<ul> <li>Obtain</li> </ul>	seeds from re	puted/certified		
Crop	Stage	Pest/Disease	•	Precautionary Practices to be followed
				FIELD CROPS
Kharif Rice	Harvesting		•	Threshing followed by proper drying for safe storage,
(Early				
transplanted)				
Kharif Rice	Tillering/		•	Need based alternate foliar spray of Hexaconazole
(Normal	Booting	bug		EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) a
transplanted)				15days interval beginning from first appearance of the
				disease,
			•	Dust with Malathion 5D @ 20kg/ha. Repeat weekly,
			•	Properly maintain the water level in the field, FRUIT CROPS
Lemon/other	Fruiting	Fruit	•	Monitor fruit fly population with Methyl eugenol traps,
citrus fruits	Truiting	fly/Trunk		Spray Malathion (2ml/l) in the early stage to avoid fruit fly
citi us ii uits		borer		infestation,
		borer	•	Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of
				water. Repeat weekly till the tree regain its greenery,
Apple	Fruit			Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt
прріс	Development			water at green bud or pink bud stage.
	_		•	Protection of Scab/ Fungal infection/core rot- spray Mencozeb
				(600g/200 lt water) or Diefenconazole (300 ml/200lt water) at
				pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or
				carbendazime (100 gm/ 200 lt water) after flower shedding or
				just start of fruit development.
			•	Spray Bavistin (0.5g/l) to control scab
			•	Spray Boron (1g/l)
				Spray 50ml Megister/Megistic in 200 litres of water in case of
				mite attack is noticed in apple orchards,  LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry		Disease		<u> </u>
Poultry	All stages		•	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	•	Pig shed/stay should keep dry and avoid dampness durin
1 185	new born	Gora		rainy days,
			•	Vaccinate against swine fever,
			•	Avoid of eating human excreta.
			•	Avoid of eating human excreta, Provide ad libitum water,
			•	Provide ad libitum water,
Cattle	All stages	FMD	•	Provide ad libitum water, Avoid stagnant water near the shed,
Cattle	All stages	FMD	•	Provide ad libitum water, Avoid stagnant water near the shed, Vaccination of animal with FMD,
	_		•	Provide ad libitum water, Avoid stagnant water near the shed, Vaccination of animal with FMD, Treatment – sick animals,
Cattle Goat/Sheep	All stages All stages	FMD Goat pox	•	Provide ad libitum water, Avoid stagnant water near the shed, Vaccination of animal with FMD,

pond

 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)







#### (East Kameng)

No: 50/2014-15/Tue <u>Dated: 23<sup>rd</sup> September, 2014</u>

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

Weather forecast valid up to 28th September, 2014

Max Temp: 20.0-21.0°C, Min Temp: 10.0°C, Wind Speed: 2-3Kmph, Wind Direction: 56-265Degree, Rainfall: 147.0mm.

The possibility of Rainfall is 102.0mm for the next five days. Max Temp: 14.0°C, Min Temp: 6.0-8.0°C, Cloud Cover: sky will be mainly cloudy i.e. 3-8 Okta, Max RH: 95-99%, Min RH: 66-87%, Wind Speed: 2-4 Kmph,

Wind Direction: 104-165Degree. Weekly cumulative rainfall: 102.0mm

Weather Based Agro-meteorological Advisories Bulletin

• Ohtoin	<ul> <li>Weather Based Agro-meteorological Advisories Bulletin</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>					
Crop	Stage	Pest/Disease	1/10	Precautionary Practices to be followed		
СГОР	btuge	1 est/ Discuse		FIELD CROPS		
Kharif Rice (Early transplanted)	Harvesting		•	Threshing followed by proper drying for safe storage,		
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	•	Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,  Dust with Malathion 5D @ 20kg/ha. Repeat weekly,  Properly maintain the water level in the field,		
				FRUIT CROPS		
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	•	Monitor fruit fly population with Methyl eugenol traps, Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation, Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,		
Pineapple	Fruiting/ Harvesting		•	Clean the vicinity of plants by weeding and loosen up the soil.  Remove sly and use it as a new planting material.  Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.		
				LIVESTOCKS		
Livestock	Stage	Disease		Precautionary Practices to be followed		
Poultry	All stages		•	Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily. Vaccination of birds as per the recommended age, Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.		
Pigs	New born	Cold	•	Pig shed/stay should keep dry and avoid dampness during rainy days, 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,		
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the pond		
	1	1	l	pone		

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

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



#### (East Siang)

No: 50/2014-15/Tue <u>Dated: 23rd September, 2014</u>

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 20.0-27.0°C, Min Temp: 17.0-18.0°C, Wind Speed: 2-4Kmph, Wind Direction: 23-72Degree, Rainfall: 115.0mm.

The possibility of Rainfall is 118.0mm for the next five days. Max Temp: 26.0-30.0°C, Min Temp: 22.0-23.0°C, Cloud Cover: sky will be mainly cloudy i.e. 3-70kta, Max RH: 96-99%, Min RH: 58-90%, Wind Speed: 3-5Kmph, Wind Direction: 11-292Degree.

\*\*Weekly cumulative rainfall: 118.0mm\*\*

Weather Based Agro-meteorological Advisories Bulletin

		•	l/reliable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Kharif Rice (Early transplanted)	Harvesting		Threshing followed by proper drying for safe storage,
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul> <li>Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
			FRUIT CROPS
Lemon/other	Fruiting	Fruit	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> </ul>
citrus fruits		fly/Trunk borer	<ul> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of</li> </ul>
			water. Repeat weekly till the tree regain its greenery,
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>
*			LIVESTOCKS
Poultry	Stage All stages	Disease	<ul> <li>Precautionary Practices to be followed</li> <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 during rainy days,</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	Vaccination of animal with FMD,
Goat/Sheep	All stages	Goat pox	<ul> <li>Treatment – sick animals,</li> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> </ul>
Fish	Stocking	-	<ul> <li>Vaccination &amp; deworming at regular interval,</li> <li>Before stocking, make free the weeds and predators in the pond</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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar - 791 101



### (Kurung-Kumev)

No: 50/2014-15/Tue Dated: 23rd September, 2014

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

Weather forecast valid up to 28th September, 2014

Max Temp: 15.0-16.0°C, Min Temp: 9.0-11.0°C, Wind Speed: 2-4Kmph, Wind Direction: 57-222Degree, Rainfall: 100.0mm.

The possibility of Rainfall is 67.0mm for the next five days. Max Temp: 9.0-11.0°C, Min Temp: 2.0-4.0°C, Cloud Cover: sky will be mainly cloudy i.e. 4-70kta, Max RH: 94-95%, Min RH: 70-80%, Wind Speed: 3-6Kmph, Wind Direction: 168-250Degree.

Weekly cumulative rainfall: 67.0mm

<ul> <li>Weather Based Agro-meteorological Advisories Bulletin</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>					
			i/r		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
Vharif Dias	Hammating		_	FIELD CROPS	
Kharif Rice (Early	Harvesting		•	Threshing followed by proper drying for safe storage,	
transplanted)					
Kharif Rice	Tillering/	Blast/Gundhi	•	Need based alternate foliar spray of Hexaconazole 5	
(Normal	Booting	bug		EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) at	
transplanted)				15days interval beginning from first appearance of the	
				disease,	
			•	Dust with Malathion 5D @ 20kg/ha. Repeat weekly,	
			•	Properly maintain the water level in the field,	
				FRUIT CROPS	
Lemon/other	Fruiting	Fruit	•	Monitor fruit fly population with Methyl eugenol traps,	
citrus fruits	Trans	fly/Trunk	•	Spray Malathion (2ml/l) in the early stage to avoid fruit fly	
		borer		infestation,	
			•	Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of	
				water. Repeat weekly till the tree regain its greenery,	
Pineapple	Fruiting/		•	Clean the vicinity of plants by weeding and loosen up the	
	Harvesting			soil.	
			•	Remove sly and use it as a new planting material.	
			•	Sucker dipping treatment with Bavistin @ 3g +	
				Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil	
				borne disease and insect.  LIVESTOCKS	
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	All stages	Discuse	•	Avoid dampness, litter should be periodically changed.	
roundry	in 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	
				old) from low temperature.	
Pigs	New born	Cold	•	Pig shed/stay should keep dry and avoid dampness during	
				rainy days,	
			•	Vaccinate against swine fever,	
			•	Avoid of eating human excreta,	
			•	Provide ad libitum water,	
Cattle	All stages	FMD	•	Avoid stagnant water near the shed,	
Gattle	All stages	I WID	•	Vaccination of animal with FMD, Treatment – sick animals,	
Goat/Sheep	All stages	Goat pox	•	Vaccinate with PPR,	
acat, onecp	in stages	Godt pon	•	Provide standard feeds,	
			•	Vaccination & deworming at regular interval,	
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the	
				pond	
		<u> </u>			

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



#### (Lohit)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

Max Temp: 20.0-21.0°C, Min Temp: 10.0°C, Wind Speed: 3-4Kmph, Wind

85-136Degree, Rainfall:

Direction: 187.0mm.

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

The possibility of Rainfall is 103.0mm for the next five days. Max Temp: 26.0-30.0°C, Min Temp: 22.0-23.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-8 Okta, Max RH: 99-100%, Min RH: 65-97%, Wind Speed: 2-6Kmph, Wind Direction: 84-125Degree.

Weekly cumulative rainfall: 103.0mm

Weather Based Agro-meteorological Advisories Bulletin

		eputed/certified	,,,,,	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
Kharif Rice (Early	Harvesting		•	FIELD CROPS  Threshing followed by proper drying for safe storage,
transplanted) Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	•	Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,  Dust with Malathion 5D @ 20kg/ha. Repeat weekly,  Properly maintain the water level in the field,
				FRUIT CROPS
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	•	Monitor fruit fly population with Methyl eugenol traps, Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation, Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,
Pineapple	Fruiting/ Harvesting		•	Clean the vicinity of plants by weeding and loosen up the soil.  Remove sly and use it as a new planting material.  Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.
	T			LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		•	Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily, Vaccination of birds as per the recommended age, Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Pigs	New born	Cold	•	Pig shed/stay should keep dry and avoid dampness during rainy days, 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,
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the pond

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

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



#### (Lower-Dibang-Valley)

No: 50/2014-15/Tue <u>Dated: 23rd September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 18.0-24.0°C, Min Temp: 10.0-13.0°C, Wind Speed: 2-5Kmph, Wind Direction: 89-128Degree, Rainfall: 62.0mm.

The possibility of Rainfall is 84.0mm for the next five days. Max Temp:  $16.0-19.0^{\circ}$ C, Min Temp:  $7.0-10.0^{\circ}$ C, Cloud Cover: sky will be mainly cloudy i.e. 3-7 Okta, Max RH: 96-98%, Min RH: 55-89%, Wind Speed: 2-6Kmph, Wind Direction: 56-113Degree.

Weekly cumulative rainfall: 84.0mm

<ul><li>Obtain</li></ul>	seeds from re	puted/certified	1/r	eliable source,
Crop	Stage	Pest/Disease	<i>'</i>	Precautionary Practices to be followed
•		,		FIELD CROPS
Kharif Rice	Harvesting		•	Threshing followed by proper drying for safe storage,
(Early				
transplanted)				
Kharif Rice	Tillering/	Blast/Gundhi	•	Need based alternate foliar spray of Hexaconazole
(Normal	Booting	bug		EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l)
transplanted)				15days interval beginning from first appearance of the
				disease,
			•	Dust with Malathion 5D @ 20kg/ha. Repeat weekly,
			•	Properly maintain the water level in the field,
	I	T	ı	FRUIT CROPS
Lemon/other	Fruiting	Fruit	•	Monitor fruit fly population with Methyl eugenol traps,
citrus fruits		fly/Trunk	•	Spray Malathion (2ml/l) in the early stage to avoid fruit fly
		borer		infestation,
			•	Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of
	7			water. Repeat weekly till the tree regain its greenery,
Pineapple	Fruiting/		•	Clean the vicinity of plants by weeding and loosen up the
	Harvesting			soil.
			•	Remove sly and use it as a new planting material.
			•	Sucker dipping treatment with Bavistin @ 3g +
				Chlorpyriphos 20EC@ 2ml/lt of water to protect against soi
Α 1	F . 4			borne disease and insect.
Apple	Fruit Development		•	Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt
	Development		_	water at green bud or pink bud stage. Protection of Scab/ Fungal infection/core rot- spray Mencozeb
			•	(600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at
				pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or
				carbendazime (100 gm/ 200 lt water) after flower shedding or
				just start of fruit development.
			•	Spray Bavistin (0.5g/l) to control scab
			•	Spray Boron (1g/l)
			•	Spray 50ml Megister/Megistic in 200 litres of water in case of
				mite attack is noticed in apple orchards,
				LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		•	Avoid dampness, litter should be periodically changed,
			•	Provide clean and fresh water daily,
			•	Vaccination of birds as per the recommended age,
			•	Artificial heating through lighting of electric bulb during
				night time to protect the poultry birds (day old to 25 day
				old) from low temperature,
Pigs	New born	Cold	•	Pig shed/stay should keep dry and avoid dampness during
				rainy days,
			•	Avoid stagnant water near the shed,
			•	Vaccinate against swine fever,
			•	Avoid of eating human excreta,
	I .	1	1	

Provide ad libitum water,

Cattle	All stages	FMD	Vaccination of animal with FMD,
			• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,
			<ul> <li>Provide standard feeds,</li> </ul>
			<ul> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul> <li>Before stocking, make free the weeds and predators in the</li> </ul>
			pond

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### (Lower Subansiri)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 11.0-16.0°C, Min Temp: 6.0-7.0°C, Wind Speed: 2-3Kmph, Wind Direction: 68-251Degree, Rainfall: 101.0mm.

The possibility of Rainfall is 63.0mm for the next five days. Max Temp: 10.0-11.0°C, Min Temp: 3.0-5.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-8 Okta, Max RH: 95-98%, Min RH: 70-86%, Wind Speed: 2-3Kmph, Wind Direction: 130-262Degree.

Weekly cumulative rainfall: 63.0mm

<ul><li>Obtain</li></ul>	seeds from re	puted/certified	l/reliable source,
Crop		Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Kharif Rice (Early transplanted)	Harvesting		Threshing followed by proper drying for safe storage,
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul> <li>Need based alternate foliar spray of Hexaconazole S EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) a 15days interval beginning from first appearance of the disease,</li> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>
Apple	Fruit Development		<ul> <li>Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Discuse	<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 during rainy days,</li> <li>Avoid stagnant water near the shed,</li> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excrete</li> </ul>

Avoid of eating human excreta,

Provide ad libitum water,

Cattle	All stages	FMD	Vaccination of animal with FMD,
			• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,
			<ul> <li>Provide standard feeds,</li> </ul>
			<ul> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	<ul> <li>Before stocking, make free the weeds and predators in the</li> </ul>
			pond

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



#### (Papum Pare)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

call at 03795226247/37

Max Temp: 29.0-32.0°C, Min Temp: 21.0-23.0°C, Wind Speed: 2-3Kmph, Wind Direction: 56-214Degree, Rainfall: 97.0mm.

Weather forecast valid up to 28th September, 2014

The possibility of Rainfall is 96.0mm for the next five days. Max Temp: 28.0-29.0°C, Min Temp: 22.0°C, Cloud Cover: sky will be mainly cloudy i.e. 3-80kta, Max RH: 91-99%, Min RH: 59-89%, Wind Speed: 2-4Kmph, Wind Direction: 44-271Degree.

Weekly cumulative rainfall: 96.0mm

Weather Based Agro-meteorological Advisories Bulletin

Obtain seeds from reputed/certified/reliable source,				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		T		FIELD CROPS
Kharif Rice (Early transplanted)	Harvesting		•	Threshing followed by proper drying for safe storage,
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	•	Need based alternate foliar spray of Hexaconazole EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) a 15days interval beginning from first appearance of the disease,  Dust with Malathion 5D @ 20kg/ha. Repeat weekly,  Properly maintain the water level in the field,
				FRUIT CROPS
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	•	Monitor fruit fly population with Methyl eugenol traps, Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation, Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,
Pineapple	Fruiting/ Harvesting		•	Clean the vicinity of plants by weeding and loosen up the soil.  Remove sly and use it as a new planting material.  Sucker dipping treatment with Bavistin @ 3g +  Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.
				LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		•	Day old chick-Maintain warmth by lighting, Provide heat by lighting 100W filament bulb @ 1 bulb per 2 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	•	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	•	Vaccination of animal with FMD, Treatment – sick animals,
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the pond
Dog	All stages		•	Vaccinate against rabies,
Sheep/Goat	All stages		•	Vaccination & deworming at regular interval.  Vaccinate with PPR,

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



#### (Tawang)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23<sup>rd</sup> September, 2014</u>

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 18.0-19.0°C, Min Temp: 7.0-10.0°C, Wind Speed: 4-6Kmph, Wind Direction: 140-244Degree, Rainfall: 189.0mm.

The possibility of Rainfall is 79.0mm for the next five days. Max Temp: 13.0-14.0°C, Min Temp: 5.0-8.0°C, Cloud Cover: sky will be mainly cloudy i.e. 3-6Okta, Max RH: 89-93%, Min RH: 67-75%, Wind Speed: 2-6Kmph, Wind Direction: 120-244Degree. *Weekly cumulative rainfall: 79.0mm* 

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruit Development		<ul> <li>Spraying should be done only after showers,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</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> <li>Add Amprolium to the ration,</li> <li>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>
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond
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>
	(7045)		CC

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



#### (Tirap)

No: 50/2014-15/Tue Dated: 23rd September, 2014

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

Max Temp: 25.0-26.0°C, Min Temp: 15.0-16.0°C, Wind Speed: 2-6Kmph, Wind Direction: 99-141Degree, Rainfall: 59.0mm.

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

The possibility of Rainfall is 79.0mm for the next five days. Max Temp: 27.0-30.0°C, Min Temp: 22.0-23.0°C, Cloud Cover: sky will be mainly cloudy i.e. 4-80kta, Max RH: 99-100%, Min RH: 60-99%, Wind Speed: 0-4Kmph, Wind Direction: 117-186Degree.

Weekly cumulative rainfall: 79.0mm

Weather Based Agro-meteorological Advisories Bulletin

Weather Based Agro-meteorological Advisories Bulletin						
• Obtain	Obtain seeds from reputed/certified/reliable source,					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
			I	FIELD CROPS		
Kharif Rice (Early transplanted)	Harvesting		•	Threshing followed by proper drying for safe storage,		
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	•	Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,  Dust with Malathion 5D @ 20kg/ha. Repeat weekly,  Properly maintain the water level in the field,		
				FRUIT CROPS		
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	•	Monitor fruit fly population with Methyl eugenol traps, Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation, Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,		
Pineapple	Fruiting/ Harvesting		•	Clean the vicinity of plants by weeding and loosen up the soil.  Remove sly and use it as a new planting material.  Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.  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 during rainy days, 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,		
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the pond		
			_			

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



#### (Upper Siang)

No: 50/2014-15/Tue Dated: 23rd September, 2014

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

68-129Degree,

Max Temp: 13.0-16.0°C, Min Temp: 9.0-10.0°C, Wind Speed: 2-4Kmph, Wind

Rainfall:

Direction: 85.0mm.

Weather forecast valid up to 28th September, 2014

The possibility of Rainfall is 101.0mm for the next five days. Max Temp: 13.0-14.0°C, Min Temp: 6.0-8.0°C, Cloud Cover: sky will be mainly cloudy i.e. 4-60kta, Max RH: 91-95%, Min RH: 63-77%,

Wind Speed: 2-4Kmph, Wind Direction: 40-194Degree.

Weekly cumulative rainfall: 101.0mm

• Ohtain			meteorological Advisories Bulletin d/reliable source,
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	T		FIELD CROPS
Kharif Rice (Early transplanted) Kharif Rice (Normal transplanted)	Harvesting Tillering/ Booting	Blast/Gundhi bug	<ul> <li>Threshing followed by proper drying for safe storage,</li> <li>Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>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 during rainy days,</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>
Dog	All stages		Vaccinate against rabies,
Rabbits	All stages	Snuffles	Use broad spectrum antibiotic treatment like Gentamycin,

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anrofloxcin under proper supervision of veterinary officials



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



### (Upper Subansiri)

No: 50/2014-15/Tue <u>Dated: 23<sup>rd</sup> September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 19.0-20.0°C, Min Temp: 10.0°C, Wind Speed: 2-4Kmph, Wind Direction: 32-255Degree, Rainfall: 147.0mm.

The possibility of Rainfall is 70.0mm for the next five days. Max Temp: 12.0-14.0°C, Min Temp: 5.0-8.0°C, Cloud Cover: sky will be mainly cloudy i.e. 6-8 Okta, Max RH: 94-97%, Min RH: 72-86%, Wind Speed: 2-4Kmph, Wind Direction: 98-253Degree.

Weekly cumulative rainfall: 70.0mm

Obtain seeds from reputed/certified/reliable source,					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
Kharif Rice (Early transplanted)	Harvesting			FIELD CROPS Threshing followed by proper drying for safe storage,	
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	1 d	Need based alternate foliar spray of Hexaconazole EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) a L5days interval beginning from first appearance of the disease, Dust with Malathion 5D @ 20kg/ha. Repeat weekly, Properly maintain the water level in the field,	
			F	FRUIT CROPS	
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	• M • S in	Monitor fruit fly population with Methyl eugenol traps, Spray Malathion (2ml/l) in the early stage to avoid fruit fly nfestation, Orenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,	
Pineapple	Fruiting/ Harvesting		• C S	Clean the vicinity of plants by weeding and loosen up the soil.  Remove sly and use it as a new planting material.  Sucker dipping treatment with Bavistin @ 3g +  Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil or no disease and insect.	
Apple	Fruit Development		<ul> <li>S<sub>1</sub></li> <li>W</li> <li>Pr</li> <li>(6</li> <li>pi</li> <li>cz</li> <li>ju</li> <li>S<sub>1</sub></li> <li>S<sub>2</sub></li> <li>m</li> </ul>	pray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt vater at green bud or pink bud stage, rotection of Scab/ Fungal infection/core rot- spray Mencozeb 500g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at ink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or arbendazime (100 gm/ 200 lt water) after flower shedding or 1st start of fruit development. pray Bavistin (0.5g/l) to control scab, pray Boron (1g/l), pray 50ml Megister/Megistic in 200 litres of water in case of 1st attack is noticed in apple orchards, LIVESTOCKS	
Livestock	Stage	Disease	-	Precautionary Practices to be followed	
Poultry	All stages	Disease	<ul><li>P</li><li>V</li><li>P</li><li>A</li><li>n</li></ul>	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 hight time to protect the poultry birds (day old to 25 day old) from low temperature.	
Pigs	New born	Cold	<ul><li>P</li><li>r</li><li>A</li></ul>	Pig shed/stay should keep dry and avoid dampness during the control of the contro	

Avoid of eating human excreta,

			Provide ad libitum water,
Cattle	All stages	FMD	Vaccination of animal with FMD,
			Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,
			Provide standard feeds,
			Vaccination & deworming at regular interval.

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West Siang, Basar – 791 101



#### (West Kameng)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23<sup>rd</sup> September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 20.0-21.0°C, Min Temp: 10.0-11.0°C, Wind Speed: 2-5Kmph, Wind Direction: 74-224Degree, Rainfall: 167.0mm.

The possibility of Rainfall is 66.0mm for the next five days. Max Temp: 14.0-16.0°C, Min Temp: 6.0-9.0°C, Cloud Cover: sky will be mainly cloudy i.e. 4-70kta, Max RH: 94-98%, Min RH: 70-86%, Wind Speed: 2-5Kmph, Wind Direction: 80-200Degree.

Weekly cumulative rainfall: 66.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruit Development		<ul> <li>Spraying should be done only after showers,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> </ul>
Pigs	New born	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>
Cattle	All stages	FMD	<ul><li>Vaccination of animal with FMD,</li><li>Treatment – sick animals,</li></ul>
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond
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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#### (West Siang)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

### Agro Advisory Bulletin for the period 24th - 28th September 2014

#### Weather summery of the previous week

Rainfall: 128.0mm, Max and min temp varied between 15.0-20.0°C and 12.0-14.0°C respectively. The sky was partly cloudy *i.e.* 8Okta; Wind speed: 2-3kmph, Wind direction: 31-180degree, Max RH: 89-96% and Min RH: 69-91%.

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

The possibility of Rainfall is 86.0mm for next five days. Max and min temp will be varied between 16.0-17.0°C and 10.0-12.0°C respectively. The sky will be mainly cloudy *i.e.* 5-8Okta; Relative humidity will be varied between 94-97% and 66-82% in the morning and afternoon respectively. The wind will be 2-4kmph. The wind will blow from variable direction at 61-279degree.

Weekly cumulative rainfall: 86.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

• Obtain	Obtain seeds from reputed/certified/reliable source,				
Crop	,				
	,		FIELD CROPS		
Kharif Rice (Early transplanted) Kharif Rice (Normal transplanted)	Harvesting Tillering/ Booting	Blast/Gundhi bug	<ul> <li>EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> </ul>		
			Properly maintain the water level in the field,		
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	<ul> <li>FRUIT CROPS</li> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>		
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>		
Apple	Fruit Development		<ul> <li>Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,</li> <li>Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.</li> <li>Spray Bavistin (0.5g/l) to control scab,</li> <li>Spray Boron (1g/l)</li> <li>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards,</li> <li>LIVESTOCKS</li> </ul>		
Livestock	Stago	Disease	Precautionary Practices to be followed		
Poultry	Stage All stages	Disease	<ul> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>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 during rainy days,</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>
Fish	Stocking	-	<ul> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
Dog	All stages		Vaccinate against rabies,

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

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



#### (Anjaw)

No: 50/2014-15/Tue Dated: 23rd September, 2014

### Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

Weather forecast valid up to 28th September, 2014

Max Temp:  $18.0-19.0^{\circ}$ C, Min Temp:  $7.0^{\circ}$ C, Wind Speed: 3-4Kmph, Wind Direction: 102-161Degree, Rainfall: 124.0mm.

The possibility of Rainfall is 63.0mm for the next five days. Max Temp: 10.0-13.0°C, Min Temp: 3.0-5.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-8Okta, Max RH: 98-99%, Min RH: 67-95%, Wind Speed: 2-7Kmph, Wind Direction: 83-159Degree.

Weekly cumulative rainfall: 63.0mm

	<u>Weather</u>	Based Agro-r	ne	teorological Advisories Bulletin
• Obtain	1	puted/certified	/re	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
	1	1		FIELD CROPS
Kharif Rice	Harvesting		•	Threshing followed by proper drying for safe storage,
(Early				
transplanted)		DI (G II)		
Kharif Rice	Tillering/	Blast/Gundhi	•	Need based alternate foliar spray of Hexaconazole 5
(Normal	Booting	bug		EC(2ml/l) & Carbendazim 12WP+Mancozeb 63WP(2g/l) at
transplanted)				15days interval beginning from first appearance of the disease,
			•	Dust with Malathion 5D @ 20kg/ha. Repeat weekly,
			•	Properly maintain the water level in the field,
				Troperty maintain the water level in the held,
				FRUIT CROPS
Lemon/other	Fruiting	Fruit	•	Monitor fruit fly population with Methyl eugenol traps,
citrus fruits		fly/Trunk	•	Spray Malathion (2ml/l) in the early stage to avoid fruit fly
		borer		infestation,
			•	Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of
				water. Repeat weekly till the tree regain its greenery,
Pineapple	Fruiting/		•	Clean the vicinity of plants by weeding and loosen up the
	Harvesting			soil.
			•	Remove sly and use it as a new planting material.
			•	Sucker dipping treatment with Bavistin @ 3g +
				Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil
				borne disease and insect.  LIVESTOCKS
Livestock	Ctago	Diggaga		
	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 during
1 163	New born	Colu		rainy days,
			•	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,
Fish	Stocking	-	•	Before stocking, make free the weeds and predators in the
				pond

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



### (Changlang)

<u>No: 50/2014-15/Tue</u> <u>Dated: 23rd September, 2014</u>

## Agro Advisory Bulletin for the period 24th - 28th September 2014

Weather summery of the previous week

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

Max Temp: 23.0-24.0°C, Min Temp: 15.0°C, Wind Speed: 2-4Kmph, Wind Direction: 89-125Degree, Rainfall: 137.0mm.

The possibility of Rainfall is 92.0mm for the next five days. Max Temp: 26.0-30.0°C, Min Temp: 22.0-23.0°C, Cloud Cover: sky will be mainly cloudy i.e. 5-8 Okta, Max RH: 100%, Min RH: 60-97%, Wind Speed: 2-6Kmph, Wind Direction: 94-135Degree.

Weekly cumulative rainfall: 92.0mm

Weather Based Agro-meteorological Advisories Bulletin

• Obtain seeds from reputed/certified/reliable source,					
Crop Stage Pest/Disease Precautionary Practices to be followed					
	2 3.2	1 2 2 3 4 2 2 2 2 2 2 2	FIELD CROPS		
Kharif Rice (Early transplanted)	Harvesting		Threshing followed by proper drying for safe storage,		
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul> <li>Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
		T.	FRUIT CROPS		
Lemon/other citrus fruits	Fruiting	Fruit fly/Trunk borer	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,</li> <li>Drenching of base soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>		
Pineapple	Fruiting/ Harvesting		<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove sly and use it as a new planting material.</li> <li>Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.</li> </ul>		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		<ul> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> <li>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>		
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond		
Dog	All stages		Vaccinate against rabies,		
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>		

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