

West Siang, Basar - 791 101



## (East Kameng)

#### No: 43/2014-15/Fri

#### Dated: 29th August, 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 107.0mm for the next five days. Max Temp:
$10.0^{\circ}$ C, Wind Speed: 2-4Kmph, Wind	17.0-19.0°C, Min Temp: 8.0-10.0°C, Cloud Cover: sky will be mainly
Direction: 549-205Degree, Rainfall:	cloudy i.e. 5-7 Okta, Max RH: 89-91%, Min RH: 53-59%, Wind Speed: 4-
148.0mm.	6 Kmph, Wind Direction: 41-163Degree.
	Weekly cumulative rainfall: 107.0mm

	<ul> <li>Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>				
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed VEGETABLE CROPS		
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,		
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,		
ł		ıı	FIELD CROPS		
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>		
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>		
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>		
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water pe ha effectively control aphids,		
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>		

			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/lt of water to protect against soil</li> </ul>

			borne disease and insect.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily.</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness 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>
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond

call at 03795226247/37

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



West Siang, Basar – 791 101



No: 43/2014-15/Fri

### Dated: 29th August, 2014

# Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>ra</sup> September, 2014
	The possibility of Rainfall is 55.0mm for the next five days. Max Temp:
24.0 <sup>°</sup> C, Wind Speed: 2-4Kmph, Wind	34.0°C, Min Temp: 25.0°C, Cloud Cover: sky will be mainly cloudy i.e. 6-
Direction: 26-124Degree, Rainfall: 78.0mm.	80kta, Max RH: 85-91%, Min RH: 45-51%, Wind Speed: 2-5Kmph, Wind
	Direction: 19-289Degree.
	Weekly cumulative rainfall : 55.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

- Make proper drainage in the crop field,
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,
- Obtain seeds from reputed/certified/reliable source,

		Pest/Disease	Precautionary Practices to be followed
Сгор	Stage		EGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed</li> </ul>
			<ul> <li>kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul><li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>Properly maintain the water level in the field,</li></ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	
	<u> </u>		FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		• 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 + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness 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	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
Goat/Sheep	All stages	Goat pox	<ul> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval,</li> </ul>
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond

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<u>West Siang, Basar – 791 101</u>



### (Kurung-Kumey)

#### <u>No: 43/2014-15/Fri</u>

Vegetative/

Fruiting

Pineapple

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 45.0mm for the next five days. Max Temp: $1200140^{10}$
	12.0-14.0 <sup>o</sup> C, Min Temp: 4.0-6.0 <sup>o</sup> C, Cloud Cover: sky will be mainly
Direction: 103-151Degree, Rainfall: 61.0mm.	cloudy i.e. 6-80kta, Max RH: 92-94%, Min RH: 58-68%, Wind Speed: 3- 5Kmph Wind Direction: 102 265Degree
	5Kmph, Wind Direction: 103-265Degree.
	Weekly cumulative rainfall : 45.0mm

	<u>Weather</u>	Based Agro-	meteorological Advisories Bulletin
· · · · · · · · · · · · · · · · · · ·	oroper drainag	ge in the crop fie	eld,
			Captan @ 2 grams per kg of seeds before sowing is advised,
Obtain s     Crop		Pest/Disease	d/reliable source, Precautionary Practices to be followed
	Jiage		VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		<ul> <li>Harvest before dropping. Leave the immature ones,</li> </ul>
Ladies Finger	Harvesting	Aphid	<ul> <li>Spray neem based pesticides,</li> </ul>
ı		ı	FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk	<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</li> </ul>
		borer	<ul> <li>Spray Malatinon (2007) in the early stage to avoid if the hy infestation,</li> <li>Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
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soil.

Clean the vicinity of plants by weeding and loosen up the

Remove sly and use it as a new planting material.

Chloropyriphos @ 1 g/lt of water to protect against soil

Sucker dipping treatment with Bavistin @ 3g +

			borne disease and insect.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> </ul>
			<ul> <li>Vaccination of birds as per the recommended age,</li> </ul>
			<ul> <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	• 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,
			Avoid stagnant water near the shed,
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,
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 <u>West Siang, Basar – 791 101</u>

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



#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 54.0mm for the next five days. Max
18.0-19.0 <sup>°</sup> C, Wind Speed: 3-5Kmph,	Temp: 26.0-29.0 <sup>o</sup> C, Min Temp: 18.0-19.0 <sup>o</sup> C, Cloud Cover: sky will
Wind Direction: 79-168Degree, Rainfall:	be cloudy i.e. 5-7 Okta, Max RH: 95-97%, Min RH: 60-70%, Wind
57.0mm.	Speed: 2-6Kmph, Wind Direction: 72-157Degree.
	Weekly cumulative rainfall : 54.0mm

			meteorological Advisories Bulletin		
· · · · · · · · · · · · · · · · · · ·	• •	e in the crop field	•		
<ul> <li>Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
crop	Bluge		VEGETABLE CROPS		
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,		
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,		
			FIELD CROPS		
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>		
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>		
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>		
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,		
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>		
			FRUIT CROPS		
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly</li> </ul>		

infestation,

borne disease and insect.

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Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of

Chloropyriphos @ 1 g/lt of water to protect against soil

Clean the vicinity of plants by weeding and loosen up the soil.

water. Repeat weekly till the tree regain its greenery,

Remove sly and use it as a new planting material.

Sucker dipping treatment with Bavistin @ 3g +

borer

Pineapple

Vegetative/

Fruiting

	LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li> </ul>	
Pigs	New born	Cold	<ul> <li>Pig shed/stay should keep dry and avoid dampness 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>	
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond	
	ientists (ICAR) 95226247/37	or State Agri	l Staff or KVK staff for measures against adverse conditions or	

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



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

#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 48.0mm for the next five days. Max Temp:
12.0 <sup>°</sup> C, Wind Speed: 2-4Kmph, Wind	20.0-24.0°C, Min Temp: 11.0-12.0°C, Cloud Cover: sky will be mainly
Direction: 68-113Degree, Rainfall: 59.0mm.	cloudy i.e. 5-7 Okta, Max RH: 91-93%, Min RH: 46-53%, Wind Speed: 3-
	7Kmph, Wind Direction: 50-107Degree.
	Weekly cumulative rainfall : 48.0mm

• Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,					
Obtain seeds from reputed/certified/reliable source,      Cron Stage Dest/Disease Presentionery Prestiges to be followed					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed VEGETABLE CROPS		
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,		
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,		
			FIELD CROPS		
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>		
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>		
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>		
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,		
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>		

Lemon/other	Flowering/	Fruit	• Monitor fruit fly population with Methyl eugenol traps,
citrus fruits	Fruiting	fly/Trunk	• Spray Malathion (2ml/l) in the early stage to avoid fruit fly
		borer	infestation,
			• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of
			water. Repeat weekly till the tree regain its greenery,
Pineapple	Vegetative/		• Clean the vicinity of plants by weeding and loosen up the
	Fruiting		soil.
			• Remove sly and use it as a new planting material.
			• Sucker dipping treatment with Bavistin @ 3g +
			Chloropyriphos @ 1 g/lt of water to protect against soil
			borne disease and insect.

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> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry Pigs	All stages New born	Cold	<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> <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>
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	- or State Agril	Before stocking, make free the weeds and predators in the pond     Staff or KVK staff for measures against adverse conditions or

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

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<u>West Siang, Basar – 791 101</u>





#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 70.0mm for the next five days. Max Temp:
$7.0^{\circ}$ C, Wind Speed: 2-3Kmph, Wind	13.0-15.0°C, Min Temp: 5.0-7.0°C, Cloud Cover: sky will be mainly
Direction: 113-177Degree, Rainfall:	cloudy i.e. 6-7 Okta, Max RH: 91-93%, Min RH: 55-64%, Wind Speed: 3-
102.0mm.	5Kmph, Wind Direction: 108-265Degree.
	Weekly cumulative rainfall : 70.0mm

<ul> <li>Make proper drainage in the crop field,</li> <li>Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,</li> </ul>					
<ul> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>					
Сгор		Pest/Disease	Precautionary Practices to be followed		
			VEGETABLE CROPS		
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>		
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,		
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,		
			FIELD CROPS		
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,		
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>		
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>		
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,		
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>		

			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/lt of water to protect against soil</li> </ul>

			borne disease and insect.
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> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>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> </ul>
1 193			<ul> <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>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> <li>Vaccination of animal with FMD,</li> </ul>
	All stages All stages	FMD Goat pox	<ul> <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> <li>Vaccination of animal with FMD,</li> </ul>

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West Siang, Basar – 791 101

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



# <u>No: 43/2014-15/Fri</u>

Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 83.0mm for the next five days. Max Temp:
Speed: 2-4Kmph, Wind Direction: 73-	29.0-30.0°C, Min Temp: 22.0°C, Cloud Cover: sky will be mainly cloudy
256Degree, Rainfall: 89.0mm.	i.e. 4-70kta, Max RH: 86-90%, Min RH: 51-55%, Wind Speed: 3-6Kmph,
	Wind Direction: 63-254Degree.
	Weekly cumulative rainfall : 83.0mm

• Make p	roper drainage	in the crop field	d,
· · · · · · · · · · · · · · · · · · ·	• •		otan @ 2 grams per kg of seeds before sowing is advised,
		uted/certified/re	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
urop	stage		VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> </ul>
			<ul> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> </ul>
			• If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	Spraying of neem based pesticides is advised,
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	
			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of</li> </ul>
Pineapple	Vegetative/ Fruiting		<ul> <li>water. Repeat weekly till the tree regain its greenery,</li> <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 +</li> </ul>

Chloropyriphos @ 1 g/lt of water to protect against soil

borne disease and insect.

	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		<ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give Anti coucidid drops,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> </ul>		
Pigs	New born/ All stages	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid stagnant water near the shed,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Deworming of piglets after 2 months,</li> </ul>		
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>		
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>		
	cientists (ICAR) (	or State Agri	I 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

### (Tawang)

#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
Max Temp: 16.0-17.0 <sup>o</sup> C, Min Temp: 13.0 <sup>o</sup> C,	The possibility of Rainfall is 60.0mm for the next five days. Max Temp:
Wind Speed: 4-5Kmph, Wind Direction: 173-	17.0-18.0°C, Min Temp: 11.0°C, Cloud Cover: sky will be mainly cloudy
241Degree, Rainfall: 75.0mm.	i.e. 5-80kta, Max RH: 89-91%, Min RH: 61-72%, Wind Speed: 4-6Kmph,
	Wind Direction: 131-274Degree.
	Weekly cumulative rainfall : 60.0mm

0			neteorological 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>
Livestock	<u>.</u>	D (D)	LIVESTOCKS Precautionary Practices to be followed
Poultry Pigs	Stage All stages New born	Pest/Disease	<ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> <li>Warming of pig sheds using gunny bags, straw, enclosure,</li> <li>Vaccinate against swine fever,</li> </ul>
Cattle	All stages	FMD	<ul> <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> <li>Vaccination of animal with FMD,</li> </ul>
Fish	Stocking	-	<ul> <li>Treatment – sick animals,</li> <li>Before stocking, make free the weeds and predators in the pond</li> </ul>
Dog	All stages		<ul> <li>Vaccinate against rabies ,</li> </ul>
Sheep/Goat	All stages		<ul> <li>Vaccination &amp; deworming at regular interval.</li> <li>Vaccinate with PPR,</li> </ul>

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

## (<u>Tirap</u>)



#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summe	ry of th	e prev	ious v	veek	
Max Temp: 2	8.0-32.	$.0^{0}$ C,	Min	Temp:	r
22.0-23.0 <sup>°</sup> C, V	Vind	Speed:	0-4	lKmph,	,
Wind Direc	tion:	104	-1571	Degree,	1
Rainfall: 53.0m	n.				

Weather forecast valid up to 3<sup>rd</sup> September, 2014 The possibility of Rainfall is 46.0mm for the next five days. Max Temp: 33.0-34.0<sup>o</sup>C, Min Temp: 24.0<sup>o</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 4-70kta, Max RH: 88-95%, Min RH: 46-60%, Wind Speed: 4-6Kmph, Wind Direction: 137-158Degree. Weekly cumulative rainfall : 46.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

	eatment with	Dithane M45/0	Captan @ 2 grams per kg of seeds before sowing is advised, d/reliable source,
Сгор		Pest/Disease	Precautionary Practices to be followed
<b>^</b>	0		VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	Spraying of neem based pesticides is advised,
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	<ul> <li>may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>
			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/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	_ 100100	<ul> <li>Avoid dampness, litter should be periodically changed.</li> <li>Provide clean and fresh water daily,</li> </ul>

			<ul> <li>Vaccination of birds as per the recommended age,</li> <li>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>
Fish	Stocking	-	Before stocking, make free the weeds and predators in the pond

## call at 03795226247/37

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<u>West Siang, Basar – 791 101</u>



### (Upper Siang)

No: 43/2014-15/Fri

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week Max Temp: 14.0-16.0<sup>o</sup>C, Min Temp: 9.0-10.0<sup>o</sup>C, Wind Speed: 2-4Kmph, Wind Direction: 93-175Degree, Rainfall: 72.0mm.

Weather forecast valid up to 3<sup>rd</sup> September, 2014 The possibility of Rainfall is 53.0mm for the next five days. Max Temp: 15.0-18.0<sup>o</sup>C, Min Temp: 9.0-10.0<sup>o</sup>C, Cloud Cover: sky will be mainly cloudy i.e. 6-80kta, Max RH: 90-93%, Min RH: 50-63%, Wind Speed: 3-4Kmph, Wind Direction: 69-151Degree. Weekly cumulative rainfall : 53.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

- Make proper drainage in the crop field,
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,
  Obtain seeds from reputed/certified/reliable source,

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
-	-		VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		• Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>

			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/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>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, anrofloxcin under proper supervision of veterinary officials	
call at 037	95226247/37		Staff or KVK staff for measures against adverse conditions or	

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

### (Upper Subansiri)

#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 64.0mm for the next five days. Max Temp:
9.0°C, Wind Speed: 2-4Kmph, Wind	15.0-17.0°C, Min Temp: 9.0°C, Cloud Cover: sky will be mainly cloudy
Direction: 181-237Degree, Rainfall:	i.e. 6-7 Okta, Max RH: 91-93%, Min RH: 55-60%, Wind Speed: 3-6Kmph,
101.0mm.	Wind Direction: 205-236Degree.
	Weekly cumulative rainfall : 64.0mm

#### Weather Based Agro-meteorological Advisories Bulletin

- Make proper drainage in the crop field,
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,
  Obtain seeds from reputed/certified/reliable source,

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> </ul>

			FRUIT CROPS
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>
Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/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> </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>
Goat/Sheep  Contact Science	All stages	Goat pox	<ul> <li>Vaccinate with PPR,</li> <li>Provide standard feeds,</li> <li>Vaccination &amp; deworming at regular interval.</li> </ul> Staff or KVK staff for measures against adverse conditions or

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u> West Siang, Basar – 791 101</u>



### (West Kameng)

#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

### Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
Max Temp: 19.0 <sup>°</sup> C, Min Temp: 14.0 <sup>°</sup> C, Wind	The possibility of Rainfall is 109.0mm for the next five days. Max Temp:
Speed: 2-3Kmph, Wind Direction: 96-	18.0-20.0°C, Min Temp: 10.0-12.0°C, Cloud Cover: sky will be mainly
237Degree, Rainfall: 131.0mm.	cloudy i.e. 5-8 Okta, Max RH: 89-92%, Min RH: 57-67%, Wind Speed: 4-

5Kmph, Wind Direction: 53-209Degree. *Weekly cumulative rainfall : 109.0mm* 

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruit		Spraying should be done only after showers,
	Development		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,
	<u>.</u>	D (D)	LIVESTOCKS
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages		Day old chick-Maintain warmth by lighting,
			• Vaccination of birds as per the recommended age,
			• Provide heat by lighting 100W filament bulb @ 1 bulb pe
			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	Vaccinate against swine fever,
			<ul> <li>Avoid stagnant water near the shed,</li> </ul>
			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
	0		pond
Dog	All stages		Vaccinate against rabies,
208	ini stuges		vacemate against rables,
Sheep/Goat	All stages		Vaccination & deworming at regular interval.
encep/ dout	in stuges		<ul> <li>Vaccinate with PPR,</li> </ul>
			iff or KVK staff for measures against adverse conditions of

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

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

### (West Siang)

<u>No: 43/2014-15/Fri</u>

21.0°C and 12.0-13.0°C respectively. The sky was mainly cloudy <i>i.e.5</i> -80kta; Wind speed: 2-4kmph, Wind direction: 137-186degree, Max RH: 92-96% and Min RH: 68-81%. and min temp will be varied between 20.0-23.0°C and 14.0°C respectively. The sky will be mainly cloud 80kta; Relative humidity will be varied between 88-50-60% in the morning and afternoon respectively. The sky will be varied between 88-50-60% in the morning and afternoon respectively.	r forecast valid up to 3 <sup>rd</sup> September, 2014	Weather summery of the previous week
Weekly cumulative rainfall: 56.0mm	sibility of Rainfall is 56.0mm for next five days. Max temp will be varied between 20.0-23.0°C and 13.0- respectively. The sky will be mainly cloudy <i>i.e.</i> 6- Relative humidity will be varied between 88-92% and in the morning and afternoon respectively. The wind 4-5kmph. The wind will blow from variable direction	Rainfall: 83.0mm, Max and min temp varied between 18.0-21.0°C and 12.0-13.0°C respectively. The sky was mainly cloudy <i>i.e.5</i> -80kta; Wind speed: 2-4kmph, Wind direction:
	cumulative rainfall: 56.0mm	

	<u>Weathe</u>	er Based Agro	<u>o-meteorological Advisories Bulletin</u>		
· · · · · · · · · · · · · · · · · · ·	roper drainag	ge in the crop fi	eld,		
<ul> <li>Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised,</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>					
		puted/certified Pest/Disease			
Сгор	Stage		Precautionary Practices to be followed VEGETABLE CROPS		
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,		
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,		
		1	FIELD CROPS		
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>		
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>		
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>		
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>		
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,		
Green gram	Harvesting	Wilting collar rot			
			FRUIT CROPS		
Lemon/other citrus fruits	Flowering/ 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 bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> </ul>		







Pineapple	Vegetative/ Fruiting		<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 + Chloropyriphos @ 1 g/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> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Avoid dampness, litter should be periodically changed,</li> <li>Provide clean and fresh water daily,</li> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days 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>
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	-	Before stocking, make free the weeds and predators in the pond
Dog	All stages		Vaccinate against rabies,
	ientists (ICAR) 95226247/37	or State Agril	Staff or KVK staff for measures against adverse conditions or

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West Siang, Basar - 791 101

(<u>Anjaw</u>)



## No: 43/2014-15/Fri

#### Dated: 29th August, 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 53.0mm for the next five days. Max Temp: 15.0-18.0 <sup>o</sup> C, Min Temp: 6.0-7.0 <sup>o</sup> C, Cloud Cover: sky will be mainly cloudy i.e. 5-80kta, Max RH: 95-97%, Min RH: 64-74%, Wind Speed: 2-6Kmph, Wind Direction: 90-200Degree. <i>Weekly cumulative rainfall : 53.0mm</i>

Obtain see     Crop  Cucurbits  French Bean	eds from rep	uted/certified/ Pest/Disease	/rel	Precautionary Practices to be followedETABLE CROPSSpraying of Dimethoate 30 EC @ 3ml/litre of water is
Crop Cucurbits H French Bean	<b>Stage</b>	Pest/Disease V Aphid/Fruit	/EG	Precautionary Practices to be followed ETABLE CROPS Spraying of Dimethoate 30 EC @ 3ml/litre of water is
French Bean		Aphid/Fruit		ETABLE CROPS Spraying of Dimethoate 30 EC @ 3ml/litre of water is
French Bean	Harvesting	Aphid/Fruit		Spraying of Dimethoate 30 EC @ 3ml/litre of water is
	1		•	advised against aphid, Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies, If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,
	Harvesting		•	Harvest before dropping. Leave the immature ones,
	Harvesting	Aphid	•	Spray Neem based pesticides,
I	I	I		FIELD CROPS
Kharif Rice ( Early ransplanted)	Grain filling	Gundhi bug	•	Dust with Malathion 5D @ 20kg/ha. Repeat weekly, Properly maintain the water level in the field,
Kharif Rice [Normal transplanted]	Tillering	Blast	•	Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,
hum Rice (	Grain filling /Maturity	Yellow stem borer	•	Install yellow stem borer pheromone traps to monitor the adults, Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,
Maize	Harvesting	Soybean looper/Stem borer	•	Spraying of Neem based pesticides is advised, Properly dry the seeds for seed purpose & store,
Black gram	Harvesting	Aphid	•	Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	•	In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised, Make proper drainage in the crop field,

	FRUIT CRUPS					
Lemon/other	Flowering/	Fruit	•	Monitor fruit fly population with Methyl eugenol traps,		
citrus fruits	Fruiting	fly/Trunk	•	Spray Malathion (2ml/l) in the early stage to avoid fruit fly		
		borer		infestation,		
			•	Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of		
				water. Repeat weekly till the tree regain its greenery,		
Pineapple	Vegetative/		•	Clean the vicinity of plants by weeding and loosen up the		
	Fruiting			soil.		
			•	Remove sly and use it as a new planting material.		
			•	Sucker dipping treatment with Bavistin @ 3g +		
				Chloropyriphos @ 1 g/lt of water to protect against soil		

			borne disease and insect.			
<u> </u>	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		• Vaccination of birds as per the recommended age,			
ļ	1		• Avoid dampness, litter should be periodically changed.			
ļ	1		Provide clean and fresh water daily.			
ļ	1		• Artificial heating through lighting of electric bulb during			
ļ	1		night time to protect the poultry birds (day old to 25 days			
	I		old) from low temperature.			
Pigs	New born	Cold	• Pig shed/stay should keep dry and avoid dampness during			
ļ	1		rainy days,			
ļ	1		Vaccinate against swine fever,			
ļ	1		Avoid of eating human excreta,			
ļ	1		Provide ad libitum water,			
			Avoid stagnant water near the shed,			
Cattle	All stages	FMD	• Vaccination of animal with FMD,			
ļ	1		• Treatment – sick animals,			
	1		Vaccination & deworming at regular interval,			
Fish	Stocking	-	• Before stocking, make free the weeds and predators in the			
	1		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

## (<u>Changlang</u>)



### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

## Agro Advisory Bulletin for the period 30<sup>th</sup> Aug – 3<sup>rd</sup> Sept 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
Max Temp: 24.0-26.0°C, Min Temp: 19.0°C,	The possibility of Rainfall is 52.0mm for the next five days. Max Temp:
Wind Speed: 2-4Kmph, Wind Direction: 96-	25.0-28.0°C, Min Temp: 15.0-16.0°C, Cloud Cover: sky will be cloudy i.e.
135Degree, Rainfall: 61.0mm.	5-7 Okta, Max RH: 93-96%, Min RH: 50-64%, Wind Speed: 3-6Kmph,
	Wind Direction: 91-129Degree.
	Weekly cumulative rainfall : 52.0mm

			-meteorological Advisories Bulletin
-	-	ge in the crop f	
			Captan @ 2 grams per kg of seeds before sowing is advised.
			d/reliable source,
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
<u>C</u>			VEGETABLE CROPS
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,
			FIELD CROPS
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>
Kharif Rice (Normal transplanted)	Tillering	Blast	<ul> <li>Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) &amp; Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,</li> </ul>
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>
Black gram	Harvesting	Aphid	• Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,
Green gram	Harvesting	Wilting collar rot	
Lemon/other citrus fruits	Flowering/ 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> </ul>
Pineapple	Vegetative/ Fruiting		<ul> <li>Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</li> <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> </ul>

•

Sucker dipping treatment with Bavistin @ 3g +

borne disease and insect.

Chloropyriphos @ 1 g/lt of water to protect against soil

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccination of birds as per the recommended age,</li> <li>Prevent from Coccidiosis give anti coucidid drops,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>During day time provide proper ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration, Regular check the litter materials to prevent from caking,</li> </ul>
Pigs	New born/ All stages	Cold	<ul> <li>Vaccinate against swine fever,</li> <li>Avoid of eating human excreta,</li> <li>Provide ad libitum water,</li> <li>Avoid stagnant water near the shed,</li> </ul>
Cattle	All stages	FMD	<ul> <li>Vaccination of animal with FMD,</li> <li>Treatment – sick animals,</li> </ul>
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>
	ientists (ICAR 3795226247,		l Staff or KVK staff for measures against adverse conditions

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West Siang, Basar – 791 101



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

#### <u>No: 43/2014-15/Fri</u>

#### Dated: 29th August, 2014

Weather summery of the previous week	Weather forecast valid up to 3 <sup>rd</sup> September, 2014
	The possibility of Rainfall is 50.0mm for the next five days. Max Temp:
6.0 <sup>°</sup> C, Wind Speed: 2-4Kmph, Wind	14.0-17.0°C, Min Temp: 5.0°C, Cloud Cover: sky will be mainly cloudy
Direction: 100-155Degree, Rainfall: 72.0mm.	i.e. 6-7 Okta, Max RH: 92-94%, Min RH: 49-60%, Wind Speed: 2-6Kmph,
	Wind Direction: 75-159Degree.
	Weekly cumulative rainfall : 50.0mm

	Weather Based Agro-meteorological Advisories Bulletin					
<ul> <li>Make proper drainage in the crop field,</li> <li>Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.</li> <li>Obtain seeds from reputed/certified/reliable source,</li> </ul>						
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed			
			VEGETABLE CROPS			
Cucurbits	Harvesting	Aphid/Fruit flies	<ul> <li>Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphid,</li> <li>Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>			
French Bean	Harvesting		Harvest before dropping. Leave the immature ones,			
Ladies Finger	Harvesting	Aphid	Spray neem based pesticides,			
			FIELD CROPS			
Kharif Rice (Early transplanted)	grain filling	Gundhi bug	<ul> <li>Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li> <li>Properly maintain the water level in the field,</li> </ul>			
Kharif Rice (Normal transplanted)	Tillering	Blast	• Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease,			
Jhum Rice	Grain filling /Maturity	Yellow stem borer	<ul> <li>Install yellow stem borer pheromone traps to monitor the adults,</li> <li>Spray Triazophos 40 EC@ 4ml/l water at 10 days interval,</li> </ul>			
Maize	Harvesting	Soybean looper/Stem borer	<ul> <li>Spraying of neem based pesticides is advised,</li> <li>Properly dry the seeds for seed purpose &amp; store,</li> </ul>			
Black gram	Harvesting	Aphid	<ul> <li>Spraying of infested crop with Imidaclorprid 17.8 sl @ 2ml/10litre water or Dimethoate 30 EC @ 3ml/l of water per ha effectively control aphids,</li> </ul>			
Green gram	Harvesting	Wilting collar rot	<ul> <li>In present weather conditions reports of collar rot/wilting may occur. Drenching of Carbandazim 1gms per litre of water or Endofil M45 @ 2.5 gms per litre of water advised,</li> <li>Make proper drainage in the crop field,</li> <li>FRUIT CROPS</li> </ul>			
Lemon/other citrus fruits	Flowering/ Fruiting	Fruit fly/Trunk	<ul> <li>Monitor fruit fly population with Methyl eugenol traps,</li> <li>Spray Malathion (2ml/l) in the early stage to avoid fruit fly</li> </ul>			
		borer	<ul> <li>infestation,</li> <li>Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery,</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> </ul>			

			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	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 b	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,
			Avoid stagnant water near the shed,
Cattle	All stages	FMD	• Vaccination of animal with FMD,
			• Treatment – sick animals,
Goat/Sheep	All stages	Goat pox	Vaccinate with PPR,
			Provide standard feeds,
Fish	Stocking	-	• Before stocking, make free the weeds and predators in the
			pond

# call at 03795226247/37

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