

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



(East Siang)

<u>No:-73/2013-14/Fri</u> <u>Dated: 17th January, 2014</u>

Weather during the period

Maximum temperature: NAMinimum Temperature: NA

• Rainfall:

Pasighat - NA

• Relative humidity (%): NA

Weather Forecast

- Rainfall Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> Temperature will vary between 10-23°C
- Relative Humidity The RH is likely to be in the range of 19-88 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Carrot	Vegetative Harvest	White rot	• Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,		
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours, FIELD CROPS 		
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	 Live saving irrigation may be done, For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied. 		
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.		
Maize	Land preparation		 Land preparation for sowing of upland early crop of maize may be done, Deep ploughing, Apply well decomposed FYM or dung Procure good quality certified seeds, 		
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew	 Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, 		
		Rust	• Spraying of Thiovit @ 3 ml/litre of water,		
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	 FRUIT CROPS Base drenching with Dichlorvos @ 4ml/litre of water, Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently, 		
Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,		
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	oping with Comorphou,		
		LIVESTO	CKS and VETERINARY ASPECT		
Livestock Poultry	Stage All stages	Disease	Precautionary Practices to be followed • Provide anti coccideal drugs on priority basis,		

Newly born chicks-Provide heat source/limit ventilation,

			Schedule vaccination should be followed,Check litter material,
Pigs	All stages		Provide heat source to the newly born piglets,
	New born		 Avoid dampening of bedding material,
Cattle	All stages	Poisonous	Deworming/vaccinations
		weeds	• As green feeds supply will decrease, provide quality feeds,
			Check poisonous weeds in collected fodder
			• Cook the feed,

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

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

Agro Meteorological Field Unit ICAR, BASAR



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



(Lohit)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

- Rainfall: -
 - Tezu NA
 - Namsai NA

Weather Forecast

- Rainfall: Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- <u>Temperature</u> –The temperature is likely to be in the range of 10-25°C.
- Relative Humidity The RH is likely to be in the range of 22-94 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Carrot	Vegetative Harvest	White rot	• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours,
			FIELD CROPS
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	 Live saving irrigation may be done, For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	 Granular Chlorpyriphos may also be applied. Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
			FRUIT CROPS
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	 Base drenching with Dichlorvos @ 4ml/litre of water, Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,
		LIVESTOC	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		 Provide heat source to the newly born piglets, Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,

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

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Agrometeorological Field Unit ICAR, BASAR



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



(Lower Subansiri)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

- Rainfall: -
 - 1. Ziro NA

Weather Forecast

- <u>Rainfall</u> Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> The temperature is likely to be in the range of 4-20°C.
- Relative Humidity The RH is likely to be in the range of 29-88 %.

Weather Based Agro-meteorological Advisories Bulletin

	vv Ca	mer Daseu Agit	o-meteorological Advisories Bulletin
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	1		EGETABLE CROPS
Carrot	Vegetative Harvest	White rot	• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre or water Manual picking of larvae in the dusk hours,
			FIELD CROPS
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	 Live saving irrigation may be done, For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		 Land preparation for sowing of upland early crop of maize may be done, Deep ploughing, Apply well decomposed FYM or dung Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	 Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, Spraying of Thiovit @ 3 ml/litre of water, FRUIT CROPS
Khasi	Harvest/	Trunk borer	Base drenching with Dichlorvos @ 4ml/litre of water,
Mandarin	Post harvest	TIMIN DOICE	 Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose
Banana	All stages	Banana Pseudostem borer	off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently, Swabbing with Malathion/Chlorpyriphos,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	Malathion dusting,Spraying with Quinolphos,
	I .	_	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Discust	 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation,

• Schedule vaccination should be followed,

			•	Check litter material,
Pigs	All stages		•	Provide heat source to the newly born piglets,
	New born		•	Avoid dampening of bedding material,
Cattle	All stages	Poisonous	•	Deworming/vaccinations
		weeds	•	As green feeds supply will decrease, provide quality feeds,
			•	Check poisonous weeds in collected fodder
			•	Cook the feed,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse				

conditions or call at 03795226247/37

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Agrometeorological Field Unit ICAR, BASAR



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



(Papum Pare)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

Maximum temperature: NAMinimum Temperature: NARelative Humidity (%):NA

• Rainfall: -

Itanagar -NA
 Naharlagun -NA

Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u>: The temperature is likely to be in the range of 5-25°C.
- Relative Humidity: The RH is likely to be in the range of 27-78 %.

Weather Based Agro-meteorological Advisories Bulletin

Vegetative Harvest H						
Carrot Vegetative Harvest Harvest Sowing Sowing Sowing of Carbendazim 50WP@ 1 g per litre of water the rains are over,	Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
French bean Sowing Cut worm Sowing of good quality treated seeds may be done.				EG		
Monitor seedlings against attack of cut worm.		Harvest	White rot	•	the rains are over,	
For aphid management, spray Dimethoate 30EC @ 3ml/litr of water, For ret ant, soil drenching with Chlorpyriphos 20 EC 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied. Mustard Flowering/ Pod formation Maize Land preparation Maize Land preparation Pea Pod formation Maturity/ Harvest Prowdery mildew Rust Khasi Mandarin Khasi Mandarin Mandarin All stages Banana All stages Banana Pseudostem borer Kiwi Post harvest Stage For aphid management, spray Dimethoate 30EC @ 3ml/litr of water during to afternoon hours is advised. - For aphid management, spray Dimethoate 30EC @ 3ml/litr of water is advised. - For aphid management, spray Dimethoate 30EC @ 3ml/litr of water is advised. - For ret ant, soil drenching with Chlorpyriphos 20 EC 2ml/litre of water is advised. - Spray Dimethoate 30EC @ 3ml/litre of water during to afternoon hours is advised of afternoon hours is advised so that pollinators are not harmed of resource good quality certified seeds, - Use of local method of rat control may be followed, - If damage is high, use Zinc phosphide bait in wheat floor, - Spraying of Sulfax @ 3gram per litre of water is advised, - Spraying of Thiovit @ 3 ml/litre of water, - Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, - In present weather conditions regularly collect and dispose of fallen fruits to reduce fruit fly population, - Cleaning of lichens/mosses using gunny bag gently, - Swabbing with Malathion/Chlorpyriphos, - Spraying with Quinolphos, - Spraying with Quinolphos,		_	Cut worm	•	Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours, FIELD CROPS	
Pod formation Afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed afternoon hours is advised so that pollinators are not harmed after so with a may be done, Deep ploughing,		formation/	-	•	For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,	
may be done, Deep ploughing, Apply well decomposed FYM or dung Procure good quality certified seeds, Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, We will be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, Spraying of Thiovit @ 3 ml/litre of water, FRUIT CROPS	Mustard	Pod	Aphid	•	Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.	
Pea	Maize			•	Deep ploughing, Apply well decomposed FYM or dung	
Harvest	Pea	formation Maturity/	Powdery mildew	•	Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised,	
Mandarin Post harvest Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose o fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently, Swabbing with Malathion/Chlorpyriphos, Kiwi Post harvest Stage Walathion dusting, Spraying with Quinolphos, LIVESTOCKS and VETERINARY ASPECT					FRUIT CROPS	
Pseudostem borer Kiwi Post harvest Beetle Tussock moth caterpillar LIVESTOCKS and VETERINARY ASPECT	Mandarin	Post harvest		•	Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently,	
stage Tussock moth caterpillar • Spraying with Quinolphos, LIVESTOCKS and VETERINARY ASPECT			Pseudostem	•	Swabbing with Malathion/Chlorpyriphos,	
Livestock Stage Disease Precautionary Practices to be followed	Kiwi		Tussock moth caterpillar	•	Spraying with Quinolphos,	
	Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry All stages • Provide anti coccideal drugs on priority basis,				•		

			 Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,

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

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Agrometeorological Field Unit ICAR, BASAR



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



(Tawang)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

- Rainfall: -
 - 1. Tawang –NA

Weather Forecast

- Rainfall- Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> The temperature is likely to be in the range of 3-12°C.
- **Relative Humidity** The RH is likely to be in the range of 25-78 %.

Weather Based Agro-meteorological Advisories Bulletin

	Weather Based Agro-meteorological Advisories Bulletin						
Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
	FRUITS						
Apple	Lean period		• Pruning of the trees and application of Chaubatia				
			paste/Bordeaux paste is advised,				
	LIVESTOCKS						
Livestock	Stage	Disease	Precautionary Practices to be followed				
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material, 				
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,				
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed, 				
Fish	All stages		 Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours, 				

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)

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Agrometeorological Field Unit ICAR, BASAR



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



(Tirap)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - <u>Deomali</u>-NA

Weather Forecast

- Rainfall: Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- <u>Temperature</u> The temperature is likely to be in the range of 8-24°C.
- Relative Humidity The RH is likely to be in the range of 28-84 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Carrot	Vegetative	White rot	• Spraying of Carbendazim 50WP@ 1 g per litre of water till
	Harvest		the rains are over,
French bean	Sowing	Cut worm	• Sowing of good quality treated seeds may be done.
			Monitor seedlings against attack of cut worm.
			• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of
			water
			Manual picking of larvae in the dusk hours,
			FIELD CROPS
Potato/	Tuber	Aphid	• Live saving irrigation may be done,
Tomato	formation/	Ret Ant	• For aphid management, spray Dimethoate 30EC @
	Maturity		3ml/litre of water,
			• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,
			,
Mustard	Flowering/	Aphid	 Granular Chlorpyriphos may also be applied. Spray Dimethoate 30EC @ 3ml/litre of water during the
Wiustalu	Pod	Apmu	afternoon hours is advised so that pollinators are not
	formation		harmed.
		<u> </u>	FRUIT CROPS
Khasi	Harvest/	Trunk borer	Base drenching with Dichlorvos @ 4ml/litre of water,
Mandarin	Post harvest		Prune the diseased portion of the plant and thereafter apply
			Blitox (50WP)/Bordeaux paste,
			• In present weather conditions regularly collect and dispose
			off fallen fruits to reduce fruit fly population,
			Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana	Swabbing with Malathion/Chlorpyriphos,
		Pseudostem	
		borer	NZO 1 METERINIA DAZIA OREOTE
	_	T	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		Provide anti coccideal drugs on priority basis,
			Newly born chicks-Provide heat source/limit ventilation,
			Schedule vaccination should be followed,
D'	A 11		Check litter material,
Pigs	All stages New born		Provide heat source to the newly born piglets,
C-441-		Daisanassa	Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	Deworming/vaccinations
		weeus	As green feeds supply will decrease, provide quality feeds, Objects resistant and feeds and feeds are a feed and feed and feeds.
			• Check poisonous weeds in collected fodder
			Cook the feed,

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

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Agro Meteorological Field Unit ICAR, BASAR



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



(Upper Siang)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

<u>Rainfall</u>: Ñ Tuting – NA

New born

Weather Forecast

- Rainfall Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- <u>Temperature</u> The temperature is likely to be in the range of 10-22°C.
- Relative Humidity The RH is likely to be in the range of 21-83 %.

Weather Based Agro-meteorological Advisories Bulletin

	<u> </u>	Dascarigi u	-meteorological Advisories Bulletin
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
•		V]	EGETABLE CROPS
Carrot	Vegetative Harvest	White rot	• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours,
			FIELD CROPS
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	 Live saving irrigation may be done, For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,
			 For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		 Land preparation for sowing of upland early crop of maize may be done, Deep ploughing, Apply well decomposed FYM or dung Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	 Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, Spraying of Thiovit @ 3 ml/litre of water,
			FRUIT CROPS
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	 Base drenching with Dichlorvos @ 4ml/litre of water, Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	Malathion dusting,Spraying with Quinolphos,
		LIVESTOC	KS and VETERINARY ASPECT
Livestock Poultry	Stage All stages	Disease	 Precautionary Practices to be followed Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed,
Pigs	All stages		 Check litter material, Provide heat source to the newly born piglets,

Avoid dampening of bedding material,

Cattle	All stages	Poisonous weeds		Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,	

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

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Agro Meteorological Field Unit ICAR, BASAR



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



(Upper Subansiri)

<u>No:-73/2013-14/Fri</u> <u>Dated: 17th January, 2014</u>

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

- Rainfall Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> The temperature is likely to be in the range of 5-18°C.
- Relative Humidity The RH is likely to be in the range of 30-89 %.

Weather Based Agro-meteorological Advisories Bulletin

	weather based Agro meteorological Advisories Bulletin					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
		V	EGETABLE CROPS			
Carrot	Vegetative Harvest	White rot	• Postpone spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,			
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. 			
			 Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours, 			
			FIELD CROPS			
Potato/	Tuber	Aphid	• Live saving irrigation may be done,			
Tomato	formation/ Maturity	Ret Ant	• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,			
			• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,			
N /toud	E1 onin a /	L:1 A	• Granular Chlorpyriphos may also be applied.			
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.			
Maize	Land preparation		Land preparation for sowing of upland early crop of maize may be done, Deep planting.			
			Deep ploughing, Angle well decomposed EVM on days.			
			Apply well decomposed FYM or dung Brown and prolife and and a			
Dag	Pod	Dot	Procure good quality certified seeds, Lieu of least mostly of a first control mostly fallowed.			
Pea	formation	Rat	Use of local method of rat control may be followed, If down an in high year 7 in a glassy high heit in subset floor.			
	Maturity/	Powdery	• If damage is high, use Zinc phosphide bait in wheat floor,			
	Harvest	mildew	• Spraying of Sulfax @ 3gram per litre of water is advised,			
	1144,000	Rust	Spraying of Thiovit @ 3 ml/litre of water, FRUIT CROPS			
Khasi	Harvest/	Trunk borer	Base drenching with Dichlorvos @ 4ml/litre of water,			
Mandarin	Post harvest		• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,			
			• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,			
			Cleaning of lichens/mosses using gunny bag gently,			
Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,			
Pineapple	Maturity	Rat	Apply Zinc Phosphide bait,			
		LIVESTO	CKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		Provide anti coccideal drugs on priority basis,			
, , , , , , , , , , , , , , , , , , ,			Newly born chicks-Provide heat source/limit ventilation,			
		ĺ				

Schedule vaccination should be followed,

Check litter material,

Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
• Contact Sc	• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse		

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conditions or call at 03795226247/37

Agro Meteorological Field Unit ICAR, BASAR



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

• <u>Rainfall</u>: - Bomdila –NA Bhalokpung -NA

Weather Forecast

- Rainfall- Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion
- <u>Temperature</u> The temperature is likely to be in the range of 3-13°C.
- Relative Humidity The RH is likely to be in the range of 33-87 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
FRUITS						
Apple	Lean period		Pruning of the trees and application of Chaubatia			
			paste/Bordeaux paste is advised,			
	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material, 			
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,			
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed, 			
Fish	All stages	_	 Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours, 			

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)

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Agrometeorological Field Unit ICAR, BASAR



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



(West Siang)

No:-73/2013-14/Fri Dated: 17th January, 2014

Weather during the period

• During the period weather was partly cloudy with fog/humid during morning/evening hours.

Maximum temperature: 18.5°C
Minimum Temperature: 4.8°C

• Rainfall: 0.0 mm

• Evapotranspiration: - -

Relative Humidity (%): 56-99%
 Soil moisture (m²/ m²): 0.23

• Prominent Wind Direction: North East (Morning hours) & Variable (Afternoon)

• Average Wind Speed: **0.5 metres per second**

• Average Sunshine hours : 3.4 hours

(Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> Temperature will vary between 8-22 °C.
- Relative Humidity The RH is likely to be in the range of 24-87 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Carrot	Vegetative	White rot	• Spraying of Carbendazim 50WP@ 1 g per litre of water till
	Harvest		the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done.
			 Monitor seedlings against attack of cut worm.
			• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water
			 Manual picking of larvae in the dusk hours,
			FIELD CROPS
Potato/	Tuber	Aphid	 Live saving irrigation may be done,
Tomato	formation/	Ret Ant	• For aphid management, spray Dimethoate 30EC @ 3ml/litre
	Maturity		of water,
			• For ret ant, soil drenching with Chlorpyriphos 20 EC @
			2ml/litre of water is advised,
			Granular Chlorpyriphos may also be applied.
Mustard	Flowering/	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the
	Pod		afternoon hours is advised so that pollinators are not harmed.
7.5.	formation		
Maize	Land		• Land preparation for sowing of upland early crop of maize
	preparation		may be done,
			Deep ploughing, Apply well decomposed EVM on dung.
			Apply well decomposed FYM or dung Progues good quality contified goods
Pea	Pod	Dat	Procure good quality certified seeds, The of local method of ret control may be followed.
rea	formation	Rat	Use of local method of rat control may be followed, If damage is high, use Zing phosphide beit in wheat floor.
	Maturity/	Downdown	• If damage is high, use Zinc phosphide bait in wheat floor,
	Harvest	Powdery mildew	• Spraying of Sulfax @ 3gram per litre of water is advised,
	Harvest	Rust	• Consisting of Thioryit @ 2 ml /litro of water
Wheat	Land	Kust	• Spraying of Thiovit @ 3 ml/litre of water, Land proportion for covering of wheat may be initiated.
vviicat	preparation		 Land preparation for sowing of wheat may be initiated,
Black gram	Land		Land preparation for sowing may be initiated
Green gram	preparation		 Procure quality seeds,
Sicon gium	preparation	1	FRUIT CROPS
Khasi	Harvest/	Trunk borer	Base drenching with Dichlorvos @ 4ml/litre of water,
Mandarin	Post harvest	TIGHE DOIGH	 Prune the diseased portion of the plant and thereafter apply
			Blitox (50WP)/Bordeaux paste,
			 In present weather conditions regularly collect and dispose off
			fallen fruits to reduce fruit fly population,
			• Cleaning of lichens/mosses using gunny bag gently,

Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,
Pineapple	Maturity	Rat	Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	
		LIVESTO	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
Rabbitary	All stages	Snuffles	Care new born,Monitor for snuffles,
Fish	All stages		 Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

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

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Agro Meteorological Field Unit ICAR, BASAR



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



(Changlang)

<u>No:-73/2013-14/Fri</u> <u>Dated: 17th January, 2014</u>

Weather during the period

- Rainfall: -
 - Changlang –NA
 - Miao –NA

Weather Forecast

- Rainfall: Clear/sunny/dry weather-next 2-3 days with cold morning fcst.
- <u>Temperature</u> The temperature is likely to be in the range of 9-24°C
- **Relative Humidity** The RH is likely to be in the range of 24-94%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Carrot	Vegetative Harvest	White rot	• Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours, FIELD CROPS
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	 Live saving irrigation may be done, For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised, Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
			FRUIT CROPS
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	 Base drenching with Dichlorvos @ 4ml/litre of water, Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,
		LIVESTOC	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,

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Pigs

All stages

New born

Integrated Agro-Meteorological Advisory Services

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



(Dibang Valley)

<u>No:-73/2013-14/Fri</u> <u>Dated: 17th January, 2014</u>

Weather during the period

- Rainfall: -
 - Roing –NA
 - Anini NA

Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- <u>Temperature</u> Temperature will vary between 5-22°C.
- Relative Humidity The RH is likely to be in the range of 17-88 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Стор	Diage		EGETABLE CROPS
Carrot	Vegetative Harvest	White rot	• Spraying of Carbendazim 50WP@ 1 g per litre of water till the rains are over,
French bean	Sowing	Cut worm	 Sowing of good quality treated seeds may be done. Monitor seedlings against attack of cut worm. Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water Manual picking of larvae in the dusk hours, FIELD CROPS
Potato/	Tuber	Aphid	Live saving irrigation may be done,
Tomato	formation/ Maturity	Ret Ant	 For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, For ret ant, soil drenching with Chlorpyriphos 20 EC @
			2ml/litre of water is advised, Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	 Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		 Land preparation for sowing of upland early crop of maize may be done, Deep ploughing, Apply well decomposed FYM or dung Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	 Use of local method of rat control may be followed, If damage is high, use Zinc phosphide bait in wheat floor, Spraying of Sulfax @ 3gram per litre of water is advised, Spraying of Thiovit @ 3 ml/litre of water,
	I.	L	FRUIT CROPS
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	 Base drenching with Dichlorvos @ 4ml/litre of water, Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	Swabbing with Malathion/Chlorpyriphos,
		LIVESTO	CKS and VETERINARY ASPECT
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		 Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed,

Check litter material,

Provide heat source to the newly born piglets,

			Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
Fish	All stages		 Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

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Agro Meteorological Field Unit ICAR, BASAR







(East Kameng)

Dated: 17th January, 2014 No:-73/2013-14/Fri

Weather during the period

Rainfall: -

Seppa -NA

Weather Forecast

- Rainfall: Clear/sunny weather-next 2-3 days with cold morning & partial cloudiness on some occasion.
- **Temperature** The temperature is likely to be in the range of 5-13°C.
- **Relative Humidity** The RH is likely to be in the range of 33-87 %.

Weather Based Agro-meteorological Advisories Bulletin

	_	I		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
	T7	T T	ĽG.	ETABLE CROPS
Carrot	Vegetative	White rot	•	Spraying of Carbendazim 50WP@ 1 g per litre of water till
D 11	Harvest			the rains are over,
French bean	Sowing	Cut worm	•	Sowing of good quality treated seeds may be done.
			•	Monitor seedlings against attack of cut worm.
			•	Soil drenching with Chlorpyriphos 20EC@2 ml/litre of
			_	Water Manual picking of lagrage in the duck hours
			•	Manual picking of larvae in the dusk hours, FIELD CROPS
Potato/	Tuber	Anhid		
Tomato	formation/	Aphid Ret Ant	•	Live saving irrigation may be done,
Tomato	Maturity	Ket Allt	•	For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,
			•	For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised,
			•	Granular Chlorpyriphos may also be applied.
Mustard	Flowering/	Aphid	•	Spray Dimethoate 30EC @ 3ml/litre of water during the
	Pod			afternoon hours is advised so that pollinators are not
	formation			harmed.
Maize	Land		•	Land preparation for sowing of upland early crop of maize
	preparation			may be done,
			•	Deep ploughing,
			•	Apply well decomposed FYM or dung
Pea	Pod	Dod	•	Procure good quality certified seeds,
Pea	formation	Rat	•	Use of local method of rat control may be followed,
	Maturity/	Powdery	•	If damage is high, use Zinc phosphide bait in wheat floor,
	Harvest	mildew	•	Spraying of Sulfax @ 3gram per litre of water is advised,
		Rust	•	Spraying of Thiovit @ 3 ml/litre of water,
		110750		FRUIT CROPS
Khasi	Harvest/	Trunk borer	•	Base drenching with Dichlorvos @ 4ml/litre of water,
Mandarin	Post harvest		•	Prune the diseased portion of the plant and thereafter apply
				Blitox (50WP)/Bordeaux paste,
			•	In present weather conditions regularly collect and dispose
				off fallen fruits to reduce fruit fly population,
			•	Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana	•	Swabbing with Malathion/Chlorpyriphos,
		Pseudostem		- · · · · · · · · · · · · · · · · · · ·
		borer		
Kiwi	Post harvest	Beetle	•	Malathion dusting,
	stage	Tussock moth	•	Spraying with Quinolphos,
		caterpillar LIVESTOC	KS	and VETERINARY ASPECT
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	Discuse	•	Provide anti coccideal drugs on priority basis,
200111	1 m stages		•	110 the unit coccinem utugo on priority busis,

			 Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		Provide heat source to the newly born piglets,Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	 Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,

Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse

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