

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



(Changlang)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Rainfall: -
 - Changlang –NA
 - Miao 0.8 mm

call at 03795222247 (KVK, West Siang)

Weather Forecast

- Rainfall Weather will be mainly clear and dry.
- **Temperature** The temperature is likely to be in the range of 9-25°C.
- **Relative Humidity** The RH is likely to be in the range of 45-74%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
_		,	JEG	ETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back	•	Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised, Remove/drain out the excess water from the field,
		moth Cabbage caterpillar		
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
		Borer		FIELD CROPS
Potato	Vegetative	Early Blight	•	Monitor the crop for symptoms of blight.
	S	Aphid	•	Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight.
			•	Earthing up is advised,
			•	Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
			•	Monitor the crop against attack of any disease,
Mustard	Flowering	Aphid	•	Spraying of Dimethoate @ 2 ml per litre of water
		Painted bug	•	Collect and dispose off the heavily infested twigs,
			•	For painted bug dusting with wood ash is advised,
				FRUIT CROPS
Citrus crop	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
		-	•	Collection of fallen fruit in polythene bags and burying in deep soil is advise,
			•	Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,
			•	After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,
		spot	•	Mulching with locally available mulches is advised,
				LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
			•	In present weather conditions protect the birds from cold by
				covering with gunny bags/plastic sheets around the
			_	poultryshed during night,
			•	Provide heat by lighting 100W filament bulb @ 1 bulb per 20
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	newly born chicks, Maintain warmth in the shed,

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

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Integrated Agromet Advisory Services, Basar, Arunachal Pradesh.



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



(Lower Dibang Valley)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Rainfall: -
 - Roing NA

Weather during the last four days

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days
- <u>Temperature</u> The temperature is likely to be in the range of 8-22°C.
- Relative Humidity The RH is likely to be in the range of 45-73%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
•	<u> </u>		/EC	GETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage caterpillar	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
Tomato	Maturity		•	Weeding and harvesting of mature fruits,
Radish	Vegetative/		•	Thinning may be done,
	Maturity		•	Look out for possible attack of leaf eating caterpillars
Ginger/ Turmeric	Maturity		•	Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing. FIELD CROPS
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and others,
Mustard	Flowering	Aphid Painted bug	•	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, FRUIT CROPS
Khasi Mandarin	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies, Collection of fallen fruit in polythene bags and burying in deep soil is advise, Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,

After harvesting grade the fruits.

Banana	All stages	Sigatoka Leaf spot	•	Soil conservation measures, Mulching with locally available mulches is advised,
		1		LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
		Worms	•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night,
			•	Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,

call at 03795222247 (KVK, West Siang)

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



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



(East Kameng)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

Rainfall: -

• Seppa – 0.0 mm

Weather Forecast

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days.
- **Temperature** The temperature is likely to be in the range of 11-23°C
- **Relative Humidity** The RH is likely to be in the range of 51-83%.

1				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		1	VEC	GETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
Tomato	Maturity		•	Weeding and harvesting of mature fruits,
Radish	Vegetative/ Maturity		•	Thinning may be done, Look out for possible attack of leaf eating caterpillars
Ginger/ Turmeric	Maturity		•	Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing.
		1		FIELD CROPS
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and others,
Mustard	Flowering	Aphid Painted bug	•	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, FRUIT CROPS
Khasi	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
Mandarin		Tute 11y	•	Collection of fallen fruit in polythene bags and burying in deep soil is advise, Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf spot	•	Soil conservation measures, Mulching with locally available mulches is advised,

Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages	Cold	Day old chick-Maintain warmth by lighting,
		Worms	 In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/	Pigs/ Piglets	Cold	Maintain warmth in the shed,

 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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Integrated Agromet Advisory Services





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

(East-Siang)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Maximum temperature:24.7 °C
 Minimum Temperature:14.0 °C
- Rainfall:

Passighat -Trace

• Relative humidity (%):68-78

Weather Forecast

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days
- <u>Temperature</u> The temperature is likely to be in the range of 10-23°C.
- Relative Humidity The RH is likely to be in the range of 44-77%.

Weather Based Agro-meteorological Advisories Bulletin

	weather based Agro-meteorological Advisories bulletin					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
•		,	VEG	GETABLE CROPS		
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,		
Brinjal	Fruiting/ Maturity	caterpillar Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,		
Tomato	Maturity		•	Weeding and harvesting of mature fruits,		
Radish	Vegetative/ Maturity		•	Thinning may be done, Look out for possible attack of leaf eating caterpillars		
Ginger/ Turmeric	Maturity		•	Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing.		
			<u> </u>	FIELD CROPS		
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,		
Pea	Vegetative		•	Sowing of late crop should be done immediately,		
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and others,		
Mustard	Flowering	Aphid Painted bug	•	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,		
777				FRUIT CROPS		
Khasi Mandarin	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies, Collection of fallen fruit in polythene bags and burying in deep soil is advise, Harvest the fruit by keeping a stalk is advised as it increase		

the self-life of the fruit,

				After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,
		spot	•	Mulching with locally available mulches is advised,
				LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
		Worms	•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20
Dia/Cattle/	Diga / Diglata	Cold		newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,
				MUSHROOM

Spawn is available,

Collect and store fully matured paddy straw,

• 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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(Lohit)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Rainfall: -
 - Tezu –1.0 mm
 - Namsai –1.3mm

Weather Forecast

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days.
- <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 38-74%.

Weather Based Agro-meteorological Advisories Bulletin

		T		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
	T		VEG	GETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth	•	Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised, Remove/drain out the excess water from the field,
		Cabbage caterpillar		
Brinjal	Fruiting/	Brinjal Shoot	•	Periodical hand picking of dead shoots and fruits and its
	Maturity	and Fruit Borer		destruction,
				FIELD CROPS
Potato	Vegetative	Early Blight	•	Monitor the crop for symptoms of blight.
		Aphid	•	Foliar spraying with DithaneM45 @2.5grams per litre of
				water on detection of blight.
			•	Earthing up is advised,
			•	Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
	_		•	Monitor the crop against attack of any disease,
Mustard	Flowering	Aphid	•	Spraying of Dimethoate @ 2 ml per litre of water
		Painted bug	•	Collect and dispose off the heavily infested twigs,
			•	For painted bug dusting with wood ash is advised,
- CI	TT	P 1: P1		FRUIT CROPS
Citrus crop	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
			•	Collection of fallen fruit in polythene bags and burying in
		No. of the last of		deep soil is advise,
		And the second	•	Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,
			•	After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,
Danana	mi stages	spot	•	Mulching with locally available mulches is advised,
		эрос		LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
1 outery	mi stages	Colu	•	In present weather conditions protect the birds from cold by
				covering with gunny bags/plastic sheets around the
				poultryshed during night,
			•	Provide heat by lighting 100W filament bulb @ 1 bulb per 20
				newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,

• 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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Integrated Agromet Advisory Services, Basar, Arunachal Pradesh.



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



(Lower Subansiri)

No: -68/2012-13/Fri

Weather during the last four days

Dated: 21st December, 2012

• Rainfall: -

1. Ziro -0.0 mm

Weather Forecast

- Rainfall- Weather will be mainly clear with possibility of partial cloudiness on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 4-19°C.
- Relative Humidity The RH is likely to be in the range of 38-86%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
_		1	/EG	SETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	The same of the sa	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
		Diamond Back moth Cabbage caterpillar		
Tomato	Maturity		•	Weeding and harvesting of mature fruits,
Radish	Vegetative/		•	Thinning may be done,
	Maturity		•	Look out for possible attack of leaf eating caterpillars
	Г			FIELD CROPS
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of
		Tipinu		water on detection of blight.
			•	Earthing up is advised,
			•	Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
				FRUIT CROPS
Khasi	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
Mandarin		4	•	Collection of fallen fruit in polythene bags and burying in deep soil is advise,
		2	•	Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit,
			•	After harvesting grade the fruits.
•				LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
			•	In present weather conditions protect the birds from cold by
		Worms		covering with gunny bags/plastic sheets around the
				poultryshed during night,
			•	Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,

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



(Papum Pare)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

Maximum temperature: 25.0°C
Minimum Temperature: 10.4°C
Relative Humidity (%):84-96

• Rainfall: -

Itanagar – 3.0 mm
 Naharlagun – 2.6 mm

Weather Forecast

- Rainfall- Weather will be partly cloudy with possibility of light rain at one/two places.
- **Temperature** The temperature is likely to be in the range of 11-25°C
- **Relative Humidity** The RH is likely to be in the range of 54-85%.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			VEGETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage caterpillar	 Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	Periodical hand picking of dead shoots and fruits and its destruction,
Tomato	Maturity		Weeding and harvesting of mature fruits,
Radish	Vegetative/		Thinning may be done,
	Maturity		 Look out for possible attack of leaf eating caterpillars
Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing.
			FIELD CROPS
Potato	Vegetative	Late Blight Aphid	 Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,
Pea	Vegetative		 Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	Regular monitoring of crop against attack of cutworm and others,
Mustard	Flowering	Aphid Painted bug	 Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, FRUIT CROPS

Khasi	Harvesting	Fruit Fly	Dealing of soil to disturb numeting flips		
	mai vesting	riult riy	Racking of soil to disturb pupating flies,		
Mandarin			Collection of fallen fruit in polythene bags and burying in		
		77.	deep soil is advise,		
		400	Harvest the fruit by keeping a stalk is advised as it increase		
			the self-life of the fruit,		
			After harvesting grade the fruits.		
Banana	All stages	Sigatoka Leaf	Soil conservation measures,		
		spot	 Mulching with locally available mulches is advised, 		
	LIVESTOCKS				
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed		
J	U	,			
Poultry	All stages	Cold	Day old chick-Maintain warmth by lighting,		
Poultry	,	· · · · · · · · · · · · · · · · · · ·	Day old chick-Maintain warmth by lighting,		
Poultry	,	· · · · · · · · · · · · · · · · · · ·	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by 		
Poultry	,	Cold	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the 		
Poultry	,	Cold	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, 		
Poultry	,	Cold	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 		
j	All stages	Cold Worms	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, 		
Poultry Pig/Cattle/	,	Cold	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 		
J	All stages	Cold Worms	 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, 		

Spawn is available,

Collect and store fully matured paddy straw,

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

(Tawang)

<u>No: -68/2012-13/Fri</u> <u>Dated: 21st December, 2012</u>

Weather during the last four days

- Rainfall: -
 - 1. Tawang -0.0 mm

Weather Forecast

- Rainfall -Cloudy/partly cloudy weather is forecasted.
- **Temperature** The temperature is likely to be in the range of -2 to 13°C.
- **Relative Humidity** The RH is likely to be in the range of 43-88%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Post	Trunk Borer	Field sanitation
	harvest		Burn the cut branches, don't heap in and around the crop field,
		Training	Train the plant and remove dead branches and stem cankers
			and apply Bordeaux paste on cut portions,
			LIVESTOCKS
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All	Cold	Day old chick-Maintain warmth by lighting,
	stages	Worms	 In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	Maintain warmth in the shed,

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



(Tirap)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Rainfall: -
 - Khonsa –NA
 - <u>Deomali</u> –0.0 mm

call at 03795222247 (KVK, West Siang)

Weather Forecast

- <u>Rainfall</u> Mainly clear weather is forecasted for the next two/three days.
- <u>Temperature</u> The temperature is likely to be in the range of 9-20°C.
- Relative Humidity The RH is likely to be in the range of 56-82%.

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		1	VEC	GETABLE CROPS
Cauliflower	Vegetative/	San Comment	•	Regular monitoring against DBM and Cabbage caterpillar.
/Cabbage/Knol	Maturity		•	Manual removal of egg mass/caterpillars is advised,
khol/Brocolli/			•	Remove/drain out the excess water from the field,
		Diamond Back		
		moth		
		Cabbage		
		caterpillar		
Brinjal	Fruiting/	Brinjal Shoot	•	Periodical hand picking of dead shoots and fruits and its
	Maturity	and Fruit		destruction,
		Borer		
		1		FIELD CROPS
Potato	Vegetative	Early Blight	•	Monitor the crop for symptoms of blight.
		Aphid	•	Foliar spraying with DithaneM45 @2.5grams per litre of
				water on detection of blight.
			•	Earthing up is advised,
			•	Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
			•	Monitor the crop against attack of any disease,
Mustard	Flowering	Aphid	•	Spraying of Dimethoate @ 2 ml per litre of water
		Painted bug	•	Collect and dispose off the heavily infested twigs,
			•	For painted bug dusting with wood ash is advised,
QI.	**	n	ı	FRUIT CROPS
Citrus crop	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
			•	Collection of fallen fruit in polythene bags and burying in
		S. Carlo		deep soil is advise,
			•	Harvest the fruit by keeping a stalk is advised as it increase
				the self-life of the fruit,
Banana	All stages	Sigatoka Leaf	•	After harvesting grade the fruits. Soil conservation measures,
Dallalla	All Stages	spot	•	·
		Spot	•	Mulching with locally available mulches is advised, LIVESTOCKS
Livestock	Stage	Post/Dispaso		Precautionary Practices to be followed
		Pest/Disease Cold		
Poultry	All stages	Colu	•	Day old chick-Maintain warmth by lighting,
			•	In present weather conditions protect the birds from cold by
				covering with gunny bags/plastic sheets around the poultryshed during night,
			•	Provide heat by lighting 100W filament bulb @ 1 bulb per 20
				newly born chicks,
Pig/Cattle/	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,
Yak	1.80/ 1.81603	Gold		ramam warmen in the shea,
	antists (ICAD)	or State Agril S	tof	f or KVK staff for measures against adverse conditions or

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Integrated Agromet Advisory Services, Basar, Arunachal Pradesh.







(Upper-Siang)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

- Rainfall:
 - o Tuting 2.4 mm

Weather Forecast

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days.
- **Temperature** 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 39-95%.

C	Chama	Dogt /D!a		Decoutionary Decations to be Cellery
Crop	Stage	Pest/Disease	/EC	Precautionary Practices to be followed GETABLE CROPS
Cauliflarran	Vogototivo/			
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage caterpillar	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
Radish	Vegetative/		•	Thinning may be done,
	Maturity		•	Look out for possible attack of leaf eating caterpillars
Ginger/ Turmeric	Maturity		•	Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing.
				FIELD CROPS
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and others,
Mustard	Flowering	Aphid Painted bug	•	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, FRUIT CROPS
Khasi Mandarin	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies, Collection of fallen fruit in polythene bags and burying in deep soil is advise, Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,

Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All stages	Cold	Day old chick-Maintain warmth by lighting,
		Worms	 In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	Maintain warmth in the shed,

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



Dated: 21st December, 2012

(Upper-Subansiri)

No: -68/2012-13/Fri

Weather during the last four days

- Rainfall: -
 - 1. Daporijo-4.6 mm

Weather Forecast

- Rainfall Weather will be mainly clear with possibility of partial cloudiness on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 7-21°C.
- Relative Humidity The RH is likely to be in the range of 35-87%.

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
•	3		VEC	GETABLE CROPS
Cauliflower	Vegetative/	3	•	Use local mulch to conserve the moisture
/Cabbage/Knol khol/Brocolli/	Maturity	Diamond Back	•	Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
		moth Cabbage caterpillar		
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
Tomato	Maturity		•	Weeding and harvesting of mature fruits,
Radish	Vegetative/		•	Thinning may be done,
	Maturity		•	Look out for possible attack of leaf eating caterpillars
Ginger/	Maturity		•	Harvest the mature crop,
Turmeric			•	Cure should be taken while harvest so that the rhizome is not
				damaged,
			•	Also, remove the soil before storing.
			ı	FIELD CROPS
Potato	Vegetative	Late Blight	•	Monitor the crop for symptoms of blight.
		Aphid	•	Foliar spraying with DithaneM45 @2.5grams per litre of
				water on detection of blight.
			•	Earthing up is advised,
ъ	**		•	Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and
				others,
Mustard	Flowering	Aphid	•	Spraying of Dimethoate @ 2 ml per litre of water
	J	Painted bug	•	Collect and dispose off the heavily infested twigs,
		_	•	For painted bug dusting with wood ash is advised,
	l.		ı	FRUIT CROPS
Khasi	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies,
Mandarin	-	Maria	•	Collection of fallen fruit in polythene bags and burying in
				deep soil is advise,
		(A) 400 L	•	Harvest the fruit by keeping a stalk is advised as it increase
				the self-life of the fruit,
			•	After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,
		spot	•	Mulching with locally available mulches is advised,
				LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed

Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
		Worms	•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	•	Maintain warmth in the shed,

MUSHROOM

- Spawn is available,
- Collect and store fully matured paddy straw,
- 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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(West Kameng)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the last four days

Rainfall: - Bomdila – 0.0 mm
 Bhalokpung – 0.0 mm

Weather Forecast

- Rainfall-Weather will be mainly clear during the next two/three days.
- **Temperature** The temperature is likely to be in the range of 9-23°C.
- **Relative Humidity** The RH is likely to be in the range of 51-83%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Post	Trunk Borer	Field sanitation
	harvest		Burn the cut branches, don't heap in and around the crop field,
		Training	Train the plant and remove dead branches and stem cankers
			and apply Bordeaux paste on cut portions,
Kiwi	Post		Training and pruning is advised,
	Harvest		
			LIVESTOCKS
Livestock	Stage	Pest/Disease	Precautionary Practices to be followed
Poultry	All	Cold	Day old chick-Maintain warmth by lighting,
	stages		• In present weather conditions protect the birds from cold by
		Worms	covering with gunny bags/plastic sheets around the poultryshed
			during night,
			• Provide heat by lighting 100W filament bulb @ 1 bulb per 20
			newly born chicks,
Pig/Cattle/	<i>O</i> ,	Cold	Maintain warmth in the shed,
Yak	Piglets		

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



(West Siang)

No: -68/2012-13/Fri Dated: 21st December, 2012

Weather during the period

- $\bullet \quad \text{During the last three days weather was partly cloudy and light rain was recorded on 20^{th}.}$
- Maximum temperature:18.3°C
- Minimum Temperature:9.6°C
- Rainfall: 12.8 mm
- Evapotranspiration: NA
- Relative Humidity (%):-85-98
- Soil moisture (m²/ m²):-NA
- Prominent Wind Direction: North West
- Average Wind Speed: 0.1kmph

(Source-Agromet Observatory, Research Farm, Gori, ICAR, AP Centre, Basar)

Weather Forecast

- Rainfall:-Weather will be mainly clear/partial cloudiness.
- <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 42-84%.

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		,	VEG	ETABLE CROPS
Cauliflower /Cabbage/Knol khol/Brocolli/	Vegetative/ Maturity	Diamond Back moth Cabbage caterpillar	•	Use local mulch to conserve the moisture Regular monitoring against DBM and Cabbage caterpillar. Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	•	Periodical hand picking of dead shoots and fruits and its destruction,
Tomato	Maturity		•	Weeding and harvesting of mature fruits,
Radish	Vegetative/ Maturity		•	Thinning may be done, Look out for possible attack of leaf eating caterpillars
Ginger/ Turmeric	Maturity		•	Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, Also, remove the soil before storing.
				FIELD CROPS
Potato	Vegetative	Late Blight Aphid	•	Monitor the crop for symptoms of blight. Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. Earthing up is advised, Apply fertilizer after the rains,
Pea	Vegetative		•	Sowing of late crop should be done immediately,
Maize	Vegetative	Cut worm	•	Regular monitoring of crop against attack of cutworm and others,
Mustard	Flowering	Aphid Painted bug	•	Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised, FRUIT CROPS

Khasi Mandarin	Harvesting	Fruit Fly	•	Racking of soil to disturb pupating flies, Collection of fallen fruit in polythene bags and burying in deep soil is advise,
		490	•	Harvest the fruit by keeping a stalk is advised as it increase
				the self-life of the fruit,
			•	After harvesting grade the fruits.
Banana	All stages	Sigatoka Leaf	•	Soil conservation measures,
		spot	•	Mulching with locally available mulches is advised,
				LIVESTOCKS
Livestock	Stage	Pest/Disease		Precautionary Practices to be followed
Doultwr	A 11 .	C-14		Day old shigh Maintain warmth by lighting
Poultry	All stages	Cold	•	Day old chick-Maintain warmth by lighting,
Poultry	All stages	Cold	•	, , ,
Poultry	All stages	Worms		In present weather conditions protect the birds from cold by
Poultry	All stages			, , ,
Poultry	All stages			In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night,
Poultry	All stages		•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the
Pountry Pig/Cattle/	All stages Pigs/ Piglets		•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20
J	Ü	Worms	•	In present weather conditions protect the birds from cold by covering with gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,

MUSHROOM

- Spawn is available,
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