

Goat/Sheep

All stages

Digestive

problems

Integrated Agro-Meteorological Advisory Services

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



(Changlang)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - Changlang –NA
 - Miao- 42.5 mm

Weather Forecast

- Rainfall –Overcast weather with rain in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 19-32°C.
- **Relative Humidity** The RH is likely to be in the range of 59-93 %.

Weather Based Agro-meteorological Advisories Bulletin

0	G .	D (/D)		B
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			EG	SETABLE CROPS
Cucurbits	Flowering/	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of
	Fruiting/			pheromone traps.
	Harvesting		•	It is advised to avoid allowing fruit to come in direct contact
				with the soil as it may attract insects and diseases.
Tomato	Nursery	Damping off	•	Transplanting of mature seedlings,
Brinjal	Transplanting			
Beans/	Fruiting/		•	Light interculture and earthing up,
French Bean	Harvesting	D1:-4 D41 -		T. 1
Ladies Finger	Flowering/	Blister Beetle	•	Light interculture operations,
	Fruiting		•	Manual collection of adults and destruction,
		T		FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem	•	Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings.
		borer	•	Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	•	Regular monitoring against attack of cob borer, Spraying with
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	•	Spraying with a contact insecticide on a clear day, Interculture operations,
		Catterpinal	•	Hand collection of caterpillar and its destruction,
		I		FRUIT CROPS
Lemon/other	Fruiting		•	Intercropping with any pulse crop is advised,
citrus fruits	Nursery		•	Racking,
		0.1	•	Interculture operations,
		Citrus	•	Bordeaux pasting of the trunk,
		butterfly	•	Hand picking of larvae and its destruction,
				LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	Ranikhet	•	Provide multivitamin,
Ĭ	S		•	Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	New Born - Provide cushioning material,
	S		•	Vaccination against swine fever,
Cattle	All stages	FMD	•	Vaccination against FMD,
Carrie	i iii stages	BQ&HS	•	Regular monitoring,
		Ecto-parasite	•	Ruchamax at recommended dose,
		Digestive problems	•	Ruchamas at recommended dose,

Ruchamax at recommended dose,

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)



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



(Dibang Valley)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - Roing NA
 - Anini 20.0 mm

Weather Forecast

- Rainfall Overcast weather with moderate/heavy rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 16-30 °C.
- **Relative Humidity** The RH is likely to be in the range of 51-91%.

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
•		VI	EGE	ETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting		•	Light interculture and earthing up,
Ladies Finger	Flowering/	Blister Beetle	•	Light interculture operations,
	Fruiting		•	Manual collection of adults and destruction,
			I	FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. Interculture operations,
WRC rice- early crop	Nursery Transplant	Blast	•	Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
		Yellow stem borer	•	Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Raising		•	Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	•	Regular monitoring against attack of cob borer,
Soybean	Vegetative		•	Interculture operations,
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	•	Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	•	Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	•	Monitoring the crop against attack of late blight, Proper drainage facility should be insured, FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus	•	Intercropping with any pulse crop is advised, Racking, Interculture operations,

	T					
		butterfly	• Bordeaux pasting of the trunk,			
			 Hand picking of larvae and its destruction, 			
Apple	Fruiting	Wooly Aphid	• Application of paradiclorobenzene at 2 meter away from			
			the trunk is advised,			
Kiwi	Flowering	Leaf eating	• Hand collection of the insects and its destruction,			
	Fruiting	beetle	• Make proper drainage facility in the crop area,			
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant,			
			• Bagging with 5 % perforated polythene bags,			
			• Planting of new saplings may be done in present weather,			
	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages	Ranikhet	Provide multivitamin,			
			• Proper vaccination with Briben Plus at recommended dose,			
Pigs	All stages	Swine fever	New Born - Provide cushioning material,			
			• Vaccination against swine fever,			
Cattle	All stages	FMD	Vaccination against FMD,			
		BQ&HS	Regular monitoring,			
		Ecto-parasite	Ruchamax at recommended dose,			
		Digestive	, , , , , , , , , , , , , , , , , , ,			
		problems				
Goat/Sheep	All stages	Digestive	Ruchamax at recommended dose,			
Goat/ Slicep	1 III stages	Digestive	Ruchamax at recommended dose,			

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(East Kameng)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

Rainfall: -

• Seppa – 14.5 mm

Fruiting

Weather Forecast

- Rainfall Overcast weather with moderate/heavy rains is forecasted during next 2/3 days
- <u>Temperature</u> The temperature is likely to be in the range of 21-31 °C.
- Relative Humidity The RH is likely to be in the range of 57-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Стор	Buge		EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation o pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	 Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting		Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,Manual collection of adults and destruction,
			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	 Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	 Interculture operations, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seed. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Raising		 Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds
Maize Soybean	Vegetative/ Cob formation Vegetative	Cob borer Stem borer	 Regular monitoring against attack of cob borer, Spraying with Interculture operations,
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction, FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	 Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,
Kiwi	Flowering	Leaf eating	Hand collection of the insects and its destruction,

• Make proper drainage facility in the crop area,

Banana	All stages	Scary beetles	Apply Malathion dust 5D inside the whorl of the plant,			
			• Bagging with 5 % perforated polythene bags,			
			• Planting of new saplings may be done in present weather,			
	LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages	Ranikhet	Provide multivitamin,			
			• Proper vaccination with Briben Plus at recommended dose,			
Pigs	All stages	Swine fever	New Born - Provide cushioning material,			
			Vaccination against swine fever,			
Cattle	All stages	FMD	Vaccination against FMD,			
		BQ&HS	Regular monitoring,			
		Ecto-parasite	Ruchamax at recommended dose,			
		Digestive	,			
		problems				

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



(East Siang)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

Maximum temperature: 32.8°C
Minimum Temperature: 23.0 °C

• Rainfall:

Pasighat –8.2 mm Relative humidity (%): 73-93

Weather Forecast

- Rainfall –Partly cloudy weather with rain in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 22-33°C.
- Relative Humidity The RH is likely to be in the range of 60-96 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	28		GETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal Beans/ French Bean	Nursery Transplanting Fruiting/ Harvesting	Damping off	 Transplanting of mature seedlings, Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,Manual collection of adults and destruction,
			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	 Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. Interculture operations,
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	 Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the
WRC rice – Main (<i>Mipun</i>)	Nursery Raising		 egg masses. Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Potato	Tuber formation	Late blight	 Monitoring the crop against attack of late blight, Proper drainage facility should be insured,
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery		Intercropping with any pulse crop is advised,Racking,Interculture operations,

		Citrus butterfly	•	Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,	
Kiwi	Flowering	Leaf eating		Hand collection of the insects and its destruction,	
	Fruiting	beetle	•	Make proper drainage facility in the crop area,	
Banana	All stages	Scary beetles		Apply Malathion dust 5D inside the whorl of the plant,	
			•	Bagging with 5 % perforated polythene bags,	
			•	Planting of new saplings may be done in present weather,	
	LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	All stages	Ranikhet	•	Provide multivitamin,	
				Proper vaccination with Briben Plus at recommended dose,	
Pigs	All stages	Swine fever	•	New Born - Provide cushioning material,	
_	_		•	Vaccination against swine fever,	
Cattle	All stages	FMD	•	Vaccination against FMD,	
		BQ&HS	•	Regular monitoring,	
		Ecto-parasite	•	Ruchamax at recommended dose,	
		Digestive		·	
		problems			

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



(Lohit)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - Tezu 6.0 mm
 - Namsai 37.8 mm

Weather Forecast

- Rainfall Overcast weather with rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 17-30°C.
- Relative Humidity The RH is likely to be in the range of 63-94 %.

problems

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
•	3		EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting		• Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	 Light interculture operations, Manual collection of adults and destruction, FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	 Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	 Regular monitoring against attack of cob borer, Spraying with
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
			FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	 Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	 Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	 New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose,
Goat/Sheep	All stages	Digestive	Ruchamax at recommended dose,

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



(Lower Subansiri)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

• Rainfall: -

Pigs

All stages

Swine fever

1. Ziro -NA

Weather Forecast

- Rainfall Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 20-31°C.
- Relative Humidity The RH is likely to be in the range of 65-91 %.

Weather Based Agro-meteorological Advisories Bulletin

	weather Based Agro-meteorological Advisories Bulletin					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
		V	EG	SETABLE CROPS		
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.		
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,		
Beans/ French Bean	Fruiting/ Harvesting		•	Light interculture and earthing up,		
Ladies Finger	Flowering/ Fruiting	Blister Beetle	•	Light interculture operations, Manual collection of adults and destruction,		
				FIELD CROPS		
Jhum Rice	Vegetative	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,		
		Yellow stem borer	•	Collection of egg masses (Yellow cottony mass) is advised. Interculture operations,		
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	•	Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the		
Maize	Vegetative/ Cob formation	Cob borer Stem borer	•	egg masses. Regular monitoring against attack of cob borer,		
Potato	Tuber formation	Late blight	•	Monitoring the crop against attack of late blight, Proper drainage facility should be insured,		
TZ1 !	E			FRUIT CROPS		
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	•	Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,		
Kiwi	Flowering Fruiting	Leaf eating beetle	•	Hand collection of the insects and its destruction, Make proper drainage facility in the crop area,		
Banana	All stages	Scary beetles	•	Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, LIVESTOCKS		
Livestock	Stage	Disease				
Poultry	Stage All stages	Ranikhet	•	Precautionary Practices to be followed Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,		
7.	1 44	0 1 0	_	1 Toper vaccination with Dilucti Flus at recommended dose,		

New Born - Provide cushioning material,

			 Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose,

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone Number: - 03795-226247/37,-96 (Fax)



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



(Papum Pare)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

Maximum temperature: 32.8 °C
Minimum Temperature: 22.2 °C
Relative Humidity (%):66-93

• Rainfall: -

Itanagar – 16.0 mm
 Naharlagun – 21.2 mm

Weather Forecast

- Rainfall Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 23-34°C.
- **Relative Humidity** The RH is likely to be in the range of 49-92 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting		Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,Manual collection of adults and destruction,
			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	 Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop WRC rice – Main (<i>Mipun</i>) Maize	Nursery Transplant Nursery Raising Vegetative/ Cob formation	Blast Yellow stem borer Cob borer Stem borer	 Interculture operations, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Regular monitoring against attack of cob borer, Spraying with
Soybean	Vegetative		Interculture operations,
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus	 Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk,

Kiwi	Flowering	Leaf eating	Hand collection of the insects and its destruction,
	Fruiting	beetle	Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant,
			Bagging with 5 % perforated polythene bags,
			• Planting of new saplings may be done in present weather,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	Provide multivitamin,
			• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	New Born - Provide cushioning material,
			Vaccination against swine fever,
Cattle	All stages	FMD	Vaccination against FMD,
		BQ&HS	Regular monitoring,
		Ecto-parasite	Ruchamax at recommended dose,
		Digestive	'
		problems	

Hand picking of larvae and its destruction,

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

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butterfly



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



(Tawang)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - 1. Tawang 63.3 mm

Weather Forecast

- Rainfall Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 11-18°C.
- Relative Humidity The RH is likely to be in the range of 74-93 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
Apple	Fruiting	Wooly Aphid	Application of paradiclorobenzene at 2 meter away from the		
			trunk is advised,		
		Weevil	• Regular monitoring and treatment against weevil is advised,		
Kiwi	Flowering	Leaf eating	Hand collection of the insects and its destruction,		
	Fruiting	beetle	Make proper drainage facility in the crop area,		
Potato	Tuber	Late blight	Monitoring the crop against attack of late blight,		
	formation		Proper drainage facility should be insured,		
	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Ranikhet	Provide multivitamin,		
			Proper vaccination with Briben Plus at recommended dose,		
Cattle	All stages	FMD	Vaccination against FMD,		
		BQ&HS	Regular monitoring,		
		Ecto-parasite	Ruchamax at recommended dose,		
		Digestive			
		problems			
Goat/Sheep	All stages	Digestive	Ruchamax at recommended dose,		
		problems			

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



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



(Tirap)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - <u>Deomali</u> –2.4 mm

Weather Forecast

- Rainfall Partially cloudy weather are forecasted. Light rain may occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 22-34°C.
- Relative Humidity The RH is likely to be in the range of 55-96 %.

Digestive

problems

All stages

Goat/Sheep

Weather Based Agro-meteorological Advisories Bulletin

				leteorological Advisories Bulletin
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		r	EG	GETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting	Dilata Davida	•	Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	•	Light interculture operations, Manual collection of adults and destruction,
		T		FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	•	Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	•	Regular monitoring against attack of cob borer, Spraying with
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	•	Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
		I		FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	•	Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	Ranikhet	•	Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose,
0 /01		-· ·		

Ruchamax at recommended dose,

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



(Upper Siang)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - Tuting 64.2 mm

Weather Forecast

- Rainfall Partially cloudy weather are forecasted. Light rain may occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 17-27°C.
- Relative Humidity The RH is likely to be in the range of 64-92 %.

Weather Based Agro-meteorological Advisories Bulletin

Cron	Stage	Doct /Discoss	Dragautionary Dragtises to be followed
Crop	Stage	Pest/Disease	Precautionary Practices to be followed EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases. FIELD CROPS
Jhum Rice	Vegetative	Blast	
mum Mce	vegetative	Yellow stem borer	 Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. Interculture operations,
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	 Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Raising		 Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	 Regular monitoring against attack of cob borer, Spraying with
Soybean	Vegetative		Interculture operations,
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	 Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,
Apple	Fruiting	Wooly Aphid	• Application of paradiclorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	 Hand collection of the insects and its destruction, Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	 Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	Provide multivitamin,Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	New Born - Provide cushioning material,

Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose,
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



(Upper Subansiri)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

- Rainfall: -
 - 1. Daporijo- 25.6 mm

Weather Forecast

- Rainfall Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 19-27°C.
- Relative Humidity The RH is likely to be in the range of 71-95 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
_		V	EG	SETABLE CROPS
Cucurbits	Flowering/	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of
	Fruiting/			pheromone traps.
	Harvesting		•	It is advised to avoid allowing fruit to come in direct contact
				with the soil as it may attract insects and diseases.
Tomato	Nursery	Damping off	•	Transplanting of mature seedlings,
Brinjal	Transplanting			
Beans/	Fruiting/		•	Light interculture and earthing up,
French Bean	Harvesting		•	
Ladies Finger	Flowering/	Blister Beetle	•	Light interculture operations,
	Fruiting		•	Manual collection of adults and destruction,
				FIELD CROPS
Jhum Rice	Vegetative	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per
				litre of water is advised,
		Yellow stem	•	Collection of egg masses (Yellow cottony mass) is advised.
		borer	•	Interculture operations,
WRC rice-	Nursery	Blast	•	Before sowing, treat seeds with solution of Carbandazim
early crop	Transplant			50WP @ 1 grams in one litre of water per kilogram of seeds.
				Spraying of crop with Carbandazim 50 WP @ 1 grams per
				litre of water both in nursery and in main crop is advised,
		37 -114	•	Transplant of healthy seedlings.
		Yellow stem	•	Collection and destruction of egg masses (Yellow cottony
		borer		mass) is advised. Cut off the tips of the seedlings to kill the
MDC :	NT			egg masses.
WRC rice –	Nursery		•	Sowing of quality seeds in nursery,
Main (Mipun)	Raising		•	Before sowing, treat seeds with solution of Carbandazim
Maina	Vacatativa	Cob borer		50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/	Stem borer	•	Regular monitoring against attack of cob borer,
	Cob formation	Stelli bolei	•	Spraying with
Soybean	Vegetative		•	Interculture operations,
Soybean	vegetative		•	<u> </u>
TZ1 '	T '.'			FRUIT CROPS
Khasi	Fruiting		•	Intercropping with any pulse crop is advised,
Mandarin	Nursery		•	Racking,
		Citrus	•	Interculture operations,
		butterfly	•	Bordeaux pasting of the trunk,
T7	74 .	<u> </u>	•	Hand picking of larvae and its destruction,
Kiwi	Flowering	Leaf eating	•	Hand collection of the insects and its destruction,
	Fruiting	beetle	•	Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	•	Apply Malathion dust 5D inside the whorl of the plant,
			•	Bagging with 5 % perforated polythene bags,
			•	Planting of new saplings may be done in present weather,
				LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	Ranikhet	•	Provide multivitamin,
•		1		

• Proper vaccination with Briben Plus at recommended dose,

Pigs	All stages	Swine fever	New Born - Provide cushioning material,
			• Vaccination against swine fever,
Cattle	All stages	FMD	• Vaccination against FMD,
		BQ&HS	Regular monitoring,
		Ecto-parasite	Ruchamax at recommended dose,
		Digestive	,
		problems	

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Crop

Integrated Agro-Meteorological Advisory Services

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



(West Kameng)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

• Rainfall: - Bomdila – 109.0 mm Bhalokpung –98.0 mm

Stage

Weather Forecast

- Rainfall Overcast weather with rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 21-31°C.
- Relative Humidity The RH is likely to be in the range of 68-96 %.

Pest/Disease

Weather Based Agro-meteorological Advisories Bulletin

Precautionary Practices to be followed

Apple	Fruiting	Wooly Aphid	• Application of paradiclorobenzene at 2 meter away from the
			trunk is advised,
		Weevil	• Regular monitoring and treatment against weevil is advised,
Kiwi	Flowering	Leaf eating	Hand collection of the insects and its destruction,
	Fruiting	beetle	Make proper drainage facility in the crop area,
Potato	Tuber	Late blight	Monitoring the crop against attack of late blight,
	formation	_	Proper drainage facility should be insured,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	Provide multivitamin,
			Proper vaccination with Briben Plus at recommended dose,
Cattle	All stages	FMD	Vaccination against FMD,
		BQ&HS	Regular monitoring,
		Ecto-parasite	Ruchamax at recommended dose,
		Digestive	,
		problems	
Goat/Sheep	All stages	Digestive	Ruchamax at recommended dose,
		problems	
Contact Scient	entists (ICAI	R) or State Agril	Staff or KVK staff for measures against adverse conditions or call

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 West Siang, Basar – 791 101



(West Siang)

No: -16/2013-14/Tue Dated: 4th June, 2013

Weather during the period

• During the period weather was cloudy and rain was recorded.

Maximum temperature: 28.0°C
Minimum Temperature: 20.5°C

• Rainfall: **29.1 mm**

Evapotranspiration: - Not AvailableRelative Humidity (%):- 92-100%

• Soil moisture (m^2/m^2):-0.35

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

Average Wind Speed: 4.2 kmphAverage Sunshine hours: 0.2 hours

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

Weather Forecast

- Rainfall Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 21-30°C.
- **Relative Humidity** The RH is likely to be in the range of 68-96 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	 Collection and deep burying of infected fruit. Installation of pheromone traps. It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,
Beans/ French Bean	Fruiting/ Harvesting		Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,Manual collection of adults and destruction,
			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	 Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. Interculture operations,
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	 Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds. Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Transplant of healthy seedlings. Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Raising		 Sowing of quality seeds in nursery, Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Soybean	Vegetative		Interculture operations,
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	 Spraying with a contact insecticide on a clear day, Interculture operations, Hand collection of caterpillar and its destruction,

Potato	Tuber	Late blight	Monitoring the crop against attack of late blight,				
	formation		 Proper drainage facility should be insured, 				
	FRUIT CROPS						
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	 Intercropping with any pulse crop is advised, Racking, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, 				
Apple	Fruiting	Wooly Aphid	• Application of paradiclorobenzene at 2 meter away from the trunk is advised,				
Kiwi	Flowering Fruiting	Leaf eating beetle	Hand collection of the insects and its destruction,Make proper drainage facility in the crop area,				
Banana	All stages	Scary beetles	 Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, 				
			LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed				
Poultry	All stages	Ranikhet	Provide multivitamin,Proper vaccination with Briben Plus at recommended dose,				
Pigs	All stages	Swine fever	New Born - Provide cushioning material,Vaccination against swine fever,				
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Vaccination against FMD, Regular monitoring, Ruchamax at recommended dose, 				
Goat/Sheep	All stages	Digestive problems	Ruchamax at recommended dose,				

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