

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



(Changlang)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Changlang –NA
 - Miao- 27.0 mm

Weather Forecast

- <u>Rainfall</u> Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 16-26°C.
- Relative Humidity The RH is likely to be in the range of 64-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed			
		V	EG	SETABLE CROPS			
Cucurbits	Fruiting/	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of			
	Harvesting			pheromone traps.			
Tomato	Nursery	Damping off	•	Transplanting of mature seedlings,			
Brinja1	Transplanting						
Ladies Finger	Fruiting/		•	Harvesting of mature fruit,			
	Harvesting		•	Light interculture operations,			
				FIELD CROPS			
WRC rice –	Nursery	701	•	Transplanting may be done in present weather conditions,			
Main (Mipun)	Transplant	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per			
				litre of water both in nursery and in main crop is advised,			
	FRUIT CROPS						
Lemon/other	Fruiting	Trunk Borer	•	In present weather conditions, trunk borer adults can be			
citrus fruits	Nursery	O':		seen in the tree. Manually collect and destroy the adults,			
		Citrus	•	Intercropping with any pulse crop is advised,			
		butterfly	•	Bordeaux pasting of the trunk,			
			•	Hand picking of larvae and its destruction,			
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	•	Cut day lighting in the poultry shade,			
			•	Place toko leaves above the poultry shade to reduce heat,			
			•	Provide multivitamin,			
			•	Proper vaccination with Briben Plus at recommended dose,			
Pigs	All stages	Swine fever	•	Wallowing should be encouraged,			
			•	New Born - Provide cushioning material,			
			•	Vaccination against swine fever,			
Cattle	All stages	FMD	•	Reduce concentrate feed and increase green leaves,			
		BQ&HS	•	Vaccination against FMD,			
		Ecto-parasite	•	Regular monitoring,			
		Digestive					
		problems					
Goat/Sheep	All stages	Digestive	•	Ruchamax at recommended dose,			
	iontists (ICAD	problems		CC VVIV CC C			

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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

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



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



(Dibang Valley)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Roing NA
 - Anini 0.0 mm

Weather Forecast

- <u>Rainfall</u> Partially cloudy/cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 8-29°C.
- Relative Humidity The RH is likely to be in the range of 53-97%.

Weather Based Agro-meteorological Advisories Bulletin

			1	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			EG	GETABLE CROPS
Cucurbits	Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		•	Harvesting of mature fruit, Light interculture operations,
	8			FIELD CROPS
Jhum Rice	Vegetative	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per
billiii Idee	vegetative	Yellow stem		litre of water is advised,
TITO C '		borer	•	Collection of egg masses (Yellow cottony mass) is advised.
WRC rice-	Transplant	Blast	•	Transplanting may be done in present weather conditions,
early crop		Yellow stem borer	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, 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 –	Nursery		•	Transplanting may be done in present weather conditions,
Main (Mipun)	Transplant	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Potato	Tuber formation		•	Proper drainage facility should be insured,
			1	FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	•	In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, 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,
Danana	i in stages	beary beenes	•	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	•	Cut day lighting in the poultry shade,
			•	Place toko leaves above the poultry shade to reduce heat,
			•	Provide multivitamin,
			•	Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	Wallowing should be encouraged,
			•	New Born - Provide cushioning material,

Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	•	Ruchamax at recommended dose,

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(East Kameng)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

Rainfall: -

Goat/Sheep

All stages

Digestive

• Seppa – 8.5 mm

Weather Forecast

- <u>Rainfall</u> Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- **Temperature** The temperature is likely to be in the range of 18-29°C.
- Relative Humidity The RH is likely to be in the range of 58-94 %.

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	Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps.	
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,	
Ladies Finger	Fruiting/ Harvesting		•	Harvesting of mature fruit,	
	Harvesting		•	Light interculture operations, FIELD CROPS	
Jhum Rice	Vegetative	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per	
Jium Ricc	Vegetative	Yellow stem	•	litre of water is advised,	
		borer	•	Collection of egg masses (Yellow cottony mass) is advised.	
WRC rice-	Transplant	Blast			
	Transplant	Diast	•	Transplanting may be done in present weather conditions,	
early crop		Yellow stem	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per	
		borer		litre of water both in nursery and in main crop is advised,	
		DOICI	•	Collection and destruction of egg masses (Yellow cottony	
				mass) is advised. Cut off the tips of the seedlings to kill the	
NAD Contract	NT			egg masses.	
WRC rice –	Nursery	D14	•	Transplanting may be done in present weather conditions,	
Main (Mipun)	Transplant	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per	
				litre of water both in nursery and in main crop is advised,	
			ı	FRUIT CROPS	
Khasi	Fruiting	Trunk Borer	•	In present weather conditions, trunk borer adults can be	
Mandarin	Nursery			seen in the tree. Manually collect and destroy the adults,	
		Citrus	•	Intercropping with any pulse crop is advised,	
		butterfly	•	Bordeaux pasting of the trunk,	
			•	Hand picking of larvae and its destruction,	
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,	
	I.			LIVESTOCKS	
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	All stages	Ranikhet	•	Cut day lighting in the poultry shade,	
			•	Place toko leaves above the poultry shade to reduce heat,	
			•	Provide multivitamin,	
			•	Proper vaccination with Briben Plus at recommended dose,	
Pigs	All stages	Swine fever	•	Wallowing should be encouraged,	
1 180	7 III stages	Swille level	•	New Born - Provide cushioning material,	
				Vaccination against swine fever,	
Cattle	A 11 stages	FMD			
Callle	All stages	BQ&HS	•	Reduce concentrate feed and increase green leaves,	
		Ecto-parasite	•	Vaccination against FMD,	
		Digestive	•	Regular monitoring,	
		problems			
O 4 / O1	A 11 .	bronenis		D 1	

Ruchamax at recommended dose,

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



(East Siang)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

Maximum temperature: 36.9°C
Minimum Temperature: 24.0 °C

• Rainfall:

Pasighat –0.8 mm Relative humidity (%): 46-92

Weather Forecast

- Rainfall Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 19-29°C.
- Relative Humidity The RH is likely to be in the range of 65-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
•		VI	EGI	ETABLE CROPS
Cucurbits	Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		•	Harvesting of mature fruit, Light interculture operations,
	,			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem borer	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,
WDC size	Tue nen1e n4		•	Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem	•	Transplanting may be done in present weather conditions,
		borer	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, 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 Transplant	Blast	•	Transplanting may be done in present weather conditions,
			•	Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
			_	FRUIT CROPS
Khasi	Fruiting	Trunk Borer	•	In present weather conditions, trunk borer adults can be
Mandarin	Nursery	Citrus butterfly	•	seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,
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	•	Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	Wallowing should be encouraged, New Born - Provide cushioning material,

• Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	•	Ruchamax at recommended dose,

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



(Lohit)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Tezu 1.0 mm
 - Namsai 34.8 mm

Weather Forecast

- Rainfall Partially cloudy/cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 22-30°C.
- Relative Humidity The RH is likely to be in the range of 67-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		V	EG	ETABLE CROPS
Cucurbits	Fruiting/ Harvesting	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	•	Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		•	Harvesting of mature fruit, Light interculture operations,
				FIELD CROPS
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	•	Transplanting may be done in present weather conditions, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
7 / 1		T		FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Trunk Borer Citrus butterfly	•	In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,
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	•	Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin,
Pigs	All stages	Swine fever	•	Proper vaccination with Briben Plus at recommended dose, Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	•	Ruchamax at recommended dose,

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

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



(Lower Subansiri)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - 1. Ziro –0.0 mm

Weather Forecast

- Rainfall -Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 9-17°C.
- **Relative Humidity** The RH is likely to be in the range of 62-94 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Fruiting/	Fruit Fly	• Collection and deep burying of infected fruit. Installation of
	Harvesting		pheromone traps.
Tomato	Nursery	Damping off	 Transplanting of mature seedlings,
Brinjal	Transplanting		•
Ladies Finger	Fruiting/		 Harvesting of mature fruit,
	Harvesting		• Light interculture operations,
			FIELD CROPS
WRC rice-	Transplant	Blast	• Transplanting may be done in present weather conditions,
early crop			• Spraying of crop with Carbandazim 50 WP @ 1 grams per
		Yellow stem	litre of water both in nursery and in main crop is advised,
		borer	 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 –	Nursery	D1 .	• Transplanting may be done in present weather conditions,
Main (Mipun)	Transplant	Blast	• Spraying of crop with Carbandazim 50 WP @ 1 grams per
			litre of water both in nursery and in main crop is advised,
·			FRUIT CROPS
Khasi	Fruiting	Trunk Borer	• In present weather conditions, trunk borer adults can be
Mandarin	Nursery	0:4	seen in the tree. Manually collect and destroy the adults,
		Citrus	• Intercropping with any pulse crop is advised,
		butterfly	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	• Cut day lighting in the poultry shade,
			 Place toko leaves above the poultry shade to reduce heat,
			Provide multivitamin,
			• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	Wallowing should be encouraged,
			• New Born - Provide cushioning material,
			• Vaccination against swine fever,
Cattle	All stages	FMD	Reduce concentrate feed and increase green leaves,
		BQ&HS	• Vaccination against FMD,
		Ecto-parasite	Regular monitoring,
		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 03795226247/37

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



(Papum Pare)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

Maximum temperature: 36.8 °C
Minimum Temperature: 22.6 °C
Relative Humidity (%):62-88

• Rainfall: -

Itanagar – 13.3 mm
 Naharlagun – 9.1 mm

Weather Forecast

- <u>Rainfall</u> Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 19-29°C.
- **Relative Humidity** The RH is likely to be in the range of 52-90 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,
Ladies Finger	Fruiting/		Harvesting of mature fruit,
	Harvesting		Light interculture operations,
			FIELD CROPS
Jhum Rice	Vegetative	Blast Yellow stem	• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,
		borer	Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	 Transplanting may be done in present weather conditions, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, 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 Transplant	Blast	 Transplanting may be done in present weather conditions, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
TZ1:	Emsitin -	m 1 D	FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	 In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, 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	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	 Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	 Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	•	Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	•	Ruchamax at recommended dose,

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



(Tawang)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - 1. Tawang 10.0 mm

Weather Forecast

- Rainfall Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 11-17°C.
- Relative Humidity The RH is likely to be in the range of 71-94 %.

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,
Kiwi	Flowering Fruiting	Leaf eating beetle	 Hand collection of the insects and its destruction, Make proper drainage facility in the crop area,
Potato	Tuber formation		Light interculture operations,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	 Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	 Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	Ruchamax at recommended dose,

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



(Tirap)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - Deomali –73.2 mm

Weather Forecast

- Rainfall Clear/partially cloudy, hot and humid weather is forecasted for next 3/4 days. Light rain may occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 21-33°C.
- Relative Humidity The RH is likely to be in the range of 60-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		Harvesting of mature fruit,Light interculture operations,
			FIELD CROPS
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	 Transplanting may be done in present weather conditions, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
			FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Trunk Borer Citrus butterfly	 In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	 Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	 Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	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



(Upper Siang)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - \circ Tuting 0.0 mm

Weather Forecast

- Rainfall Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 12-19°C.
- Relative Humidity The RH is likely to be in the range of 64-93%.

problems

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Cucurbits	Fruiting/	Fruit Fly	Collection and deep burying of infected fruit. Installation of		
	Harvesting	v	pheromone traps.		
Tomato	Nursery	Damping off	Transplanting of mature seedlings,		
Brinja1	Transplanting				
			FIELD CROPS		
Jhum Rice	Vegetative	Blast	• Spraying of crop with Carbandazim 50 WP @ 1 grams per		
		Yellow stem	litre of water is advised,		
		borer	• Collection of egg masses (Yellow cottony mass) is advised.		
WRC rice-	Transplant	Blast	• Transplanting may be done in present weather conditions,		
early crop		44	• Spraying of crop with Carbandazim 50 WP @ 1 grams per		
		Yellow stem	litre of water both in nursery and in main crop is advised,		
		borer	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 –	Nursery	704	• Transplanting may be done in present weather conditions,		
Main (Mipun)	Transplant	Blast	• Spraying of crop with Carbandazim 50 WP @ 1 grams per		
			litre of water both in nursery and in main crop is advised,		
	T		FRUIT CROPS		
Khasi	Fruiting	Trunk Borer	• In present weather conditions, trunk borer adults can be		
Mandarin	Nursery		seen in the tree. Manually collect and destroy the adults,		
		Citrus	Intercropping with any pulse crop is advised,		
		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	Cut day lighting in the poultry shade,		
J	C		Place toko leaves above the poultry shade to reduce heat,		
			Provide multivitamin,		
			Proper vaccination with Briben Plus at recommended dose,		
Pigs	All stages	Swine fever	Wallowing should be encouraged,		
8-			New Born - Provide cushioning material,		
			 Vaccination against swine fever, 		
Cattle	All stages	FMD	 Reduce concentrate feed and increase green leaves, 		
Cuttle	1 III bluges	BQ&HS	 Vaccination against FMD, 		
		Ecto-parasite	Regular monitoring,		
		Digestive	- regular monitoring,		
		problems			
Goat/Sheep	All stages	Digestive	Ruchamax at recommended dose,		
P		problems	2.0000000000000000000000000000000000000		

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



(Upper Subansiri)

Dated: 18th June, 2013 No: -20/2013-14/Tue

Weather during the period

- Rainfall: -
 - 1. Daporijo- 2.6 mm

Weather Forecast

- Rainfall Partially cloudy/Cloudy weather with light/moderate rains are forecasted.
- <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 70-95 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		V	EG	ETABLE CROPS
Cucurbits	Fruiting/	Fruit Fly	•	Collection and deep burying of infected fruit. Installation of
	Harvesting			pheromone traps.
Tomato	Nursery	Damping off	•	Transplanting of mature seedlings,
Brinja1	Transplanting		•	
Ladies Finger	Fruiting/		•	Harvesting of mature fruit,
	Harvesting		•	Light interculture operations,
				FIELD CROPS
Jhum Rice	Vegetative	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per
		Yellow stem		litre of water is advised,
		borer	•	Collection of egg masses (Yellow cottony mass) is advised.
WRC rice-	Transplant	Blast	•	Transplanting may be done in present weather conditions,
early crop			•	Spraying of crop with Carbandazim 50 WP @ 1 grams per
		Yellow stem		litre of water both in nursery and in main crop is advised,
		borer	•	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 –	Nursery		•	Transplanting may be done in present weather conditions,
Main (Mipun)	Transplant	Blast	•	Spraying of crop with Carbandazim 50 WP @ 1 grams per
				litre of water both in nursery and in main crop is advised,
				FRUIT CROPS
Khasi	Fruiting	Trunk Borer	•	In present weather conditions, trunk borer adults can be
Mandarin	Nursery			seen in the tree. Manually collect and destroy the adults,
		Citrus	•	Intercropping with any pulse crop is advised,
		butterfly	•	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	•	Cut day lighting in the poultry shade,
			•	Place toko leaves above the poultry shade to reduce heat,
			•	Provide multivitamin,
			•	Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	Wallowing should be encouraged,
1 180	1 m stages	3 ((1110 10 (01	•	New Born - Provide cushioning material,
			•	Vaccination against swine fever,
Cattle	All stages	FMD	•	Reduce concentrate feed and increase green leaves,
Cuttic	in stages	BQ&HS	•	Vaccination against FMD,
		Ecto-parasite	•	Regular monitoring,
		Digestive	•	regular moments,
		problems		
Goat/Sheep	All stages	Digestive	•	Ruchamax at recommended dose,
r	$\boldsymbol{\sigma}$			

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

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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



(West Kameng)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

• Rainfall: - Bomdila –29.0 mm Bhalokpung –1.2 mm

Weather Forecast

- Rainfall -Cloudy weather with moderate/heavy rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 12-19°C.
- Relative Humidity The RH is likely to be in the range of 69-95 %.

Weather Based Agro-meteorological Advisories Bulletin

	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Ranikhet	Cut day lighting in the poultry shade,		
			Place toko leaves above the poultry shade to reduce heat,		
			Provide multivitamin,		
			Proper vaccination with Briben Plus at recommended dose,		
Cattle	All stages	FMD	Reduce concentrate feed and increase green leaves,		
		BQ&HS	• Provide adequate clean drinking water to the birds,		
		Ecto-parasite	Vaccination against FMD,		
		Digestive	Regular monitoring,		
		problems	<u> </u>		
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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



(West Siang)

No: -20/2013-14/Tue Dated: 18th June, 2013

Weather during the period

• During the period weather was clear, hot and dry but from 16th June afternoon onwards weather was cloudy and rain was recorded.

Maximum temperature: 34.5°C
Minimum Temperature:21.0°C

• Rainfall: 19.2 mm

Evapotranspiration: - 2.9 mm
Relative Humidity (%):- 27-97%
Soil moisture (m²/ m²):-0.22

Prominent Wind Direction: South West (Morning hours) & South West (Afternoon)

Average Wind Speed: 1.2 kmphAverage Sunshine hours: 5.1hours

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

Weather Forecast

- <u>Rainfall</u> Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
- <u>Temperature</u> The temperature is likely to be in the range of 20-29°C.
- **Relative Humidity** The RH is likely to be in the range of 72-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease Precautionary Practices to be followed				
	VEGETABLE CROPS					
Cucurbits	Fruiting/	Fruit Fly	Collection and deep burying of infected fruit. Installation of			
	Harvesting		pheromone traps.			
Tomato Brinjal	Nursery Transplanting	Damping off	Transplanting of mature seedlings,			
Ladies Finger	Fruiting/		Harvesting of mature fruit,			
	Harvesting		Light interculture operations,			
			FIELD CROPS			
Jhum Rice	Vegetative	Blast	• Spraying of crop with Carbandazim 50 WP @ 1 grams per			
		Yellow stem	litre of water is advised,			
		borer	Collection of egg masses (Yellow cottony mass) is advised.			
WRC rice-	Transplant	Blast	• Transplanting may be done in present weather conditions,			
early crop		Yellow stem	• Spraying of crop with Carbandazim 50 WP @ 1 grams per			
		borer	litre of water both in nursery and in main crop is advised,			
		DOTEI	Collection and destruction of egg masses (Yellow cottony mass) is a divised. Cut off the time of the condlines to bill the			
			mass) is advised. Cut off the tips of the seedlings to kill the			
WRC rice –	Nursery		egg masses.			
	Transplant	Blast	• Transplanting may be done in present weather conditions,			
Main (Mipun)	Transpiani	Diast	• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,			
Potato	Tuber		 Proper drainage facility should be insured, 			
Fotato	formation		• Froper dramage facility should be histired,			
	ioimation		FRUIT CROPS			
Khasi	Fruiting	Trunk Borer	• In present weather conditions, trunk borer adults can be			
Mandarin	Nursery	Trunk Dorer	seen in the tree. Manually collect and destroy the adults,			
Wandam	runscry	Citrus	 Intercropping with any pulse crop is advised, 			
		butterfly	 Bordeaux pasting of the trunk, 			
		Duttering	 Hand picking of larvae and its destruction, 			
Kiwi	Flowering	Leaf eating	 Hand collection of the insects and its destruction, 			
Kivi	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,			
Danana	1 III stuges	beary beenes	 Rapping 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	 Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	 Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	 Reduce concentrate feed and increase green leaves, Vaccination against FMD,
Goat/Sheep	All stages	Digestive problems	Ruchamax at recommended dose,

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