

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



### (Changlang)

No: -15/2013-14/Fri Dated: 31st May, 2013

# Weather during the period

- Rainfall: -
  - Changlang –0.4 mm
  - Miao- 26.2 mm

#### Weather Forecast

- Rainfall Partly cloudy/cloudy weather with light rain in few places is forecasted.
- **Temperature** The temperature is likely to be in the range of 17-31°C.
- **Relative Humidity** The RH is likely to be in the range of 62-98 %.

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
			FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony</li> </ul>
			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,
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
		1	FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
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: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)



Livestock

Stage

Disease

# **Integrated Agro-Meteorological Advisory Services**

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



### (Dibang Valley)

No: -15/2013-14/Fri

### Weather during the period

- Rainfall: -
  - Roing 8.0 mm
  - Anini 46.0 mm

### **Weather Forecast**

- Rainfall Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 15-29 °C.
- Relative Humidity The RH is likely to be in the range of 59-95 %.

### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		T. Control of the con	EGETABLE CROPS
Cucurbits French Bean	Flowering/ Fruiting/ Harvesting Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
			FIELD CROPS
Jhum Rice	Vegetative	Yellow stem borer	<ul><li>Collection of egg masses (Yellow cottony mass) is advised.</li><li>Interculture operations,</li></ul>
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
WRC rice – Main ( <i>Mipun</i> )	Nursery preparation		<ul> <li>Sowing of quality seeds in prepared nursery,</li> <li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Soybean	Vegetative		Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Potato	Tuber formation	Late blight	<ul><li>Monitoring the crop against attack of late blight,</li><li>Proper drainage facility should be insured,</li></ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul><li>Interculture operations,</li><li>Bordeaux pasting of the trunk,</li><li>Hand picking of larvae and its destruction,</li></ul>
Apple	Fruiting	Wooly Aphid	• Application of paradiclorobenzene at 2 meter away from the trunk is advised,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul> <li>Hand collection of the insects and its destruction,</li> <li>Make proper drainage facility in the crop area,</li> </ul>
Banana	All stages	Scary beetles	<ul> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Planting of new saplings may be done in present weather,</li> <li>LIVESTOCKS</li> </ul>

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	, in the second
		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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### (East Kameng)

No: -15/2013-14/Fri Dated: 31st May, 2013

# Weather during the period

Rainfall: -

Goat/Sheep

All stages

Digestive

• Seppa – 44.0 mm

### **Weather Forecast**

- Rainfall Partly cloudy weather with rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 20-30 °C.
- Relative Humidity The RH is likely to be in the range of 63-97 %.

### Weather Based Agro-meteorological Advisories Bulletin

		<b>_</b> _	o-meteorological Advisories Dunetin
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VE	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul><li>Interculture operations is required,</li><li>Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
			FIELD CROPS
Jhum Rice	Vegetative	Yellow stem borer	<ul><li>Collection of egg masses (Yellow cottony mass) is advised.</li><li>Interculture operations,</li></ul>
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
WRC rice – Main ( <i>Mipun</i> )	Nursery preparation		<ul> <li>Sowing of quality seeds in prepared nursery,</li> <li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li> </ul>
Potato	Tuber formation	Late blight	<ul> <li>Monitoring the crop against attack of late blight,</li> <li>Proper drainage facility should be insured,</li> </ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>
Banana	All stages	Scary beetles	<ul> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul><li>New Born - Provide cushioning material,</li><li>Vaccination against swine fever,</li></ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>

Ruchamax at recommended dose,

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



### (East Siang)

No: -15/2013-14/Fri

# Weather during the period

Maximum temperature: 33.6°C
Minimum Temperature: 22.6 °C

• Rainfall:

Pasighat –3.2 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 19-32°C.
- Relative Humidity The RH is likely to be in the range of 65-98 %.

Digestive

Crop   Stage   Pest/Disease   Precautionary Practices to be follow	ass) is advised. Carbandazim
Cucurbits Flowering/ Fruiting/ Harvesting French Bean Fruiting/ Harvesting French Bean Fruiting/ Harvesting French Bean Fruiting/ Harvesting Flowering/ Harvesting Flowering/ Fruiting Fruiting Flowering/ Fruiting Fruiting Flowering/ Fruiting Flowering/ Fruiting Flowering/ Fruiting  Blister Beetle Fruiting FIELD CROPS  FIELD CROPS	ass) is advised. Carbandazim logram of
Fruiting/ Harvesting  French Bean Fruiting/ Harvesting  French Bean Fruiting/ Harvesting  Ladies Finger Flowering/ Fruiting  Fruiting  Flowering/ Flowering/ Fullow stem borer  Fleed  Collection and deep burying of infected fruit.  of pheromone traps.  Light interculture operations,  Collection of egg masses (Yellow cottony manusculture operations,  Interculture operations,  Fleed  Flowering/ Flowering/ Fruiting  Flowering/ Fruiting  Flowering/ Fruiting  Flowering/ Fruiting  Flowering/ Fruiting  Flowering/ Flow	ass) is advised. Carbandazim logram of
French Bean Fruiting/ Harvesting  Eadies Finger Flowering/ Fruiting  Fruiting  Fruiting  Fruiting  Flowering/ Fruiting  Fruiting  Fruiting  Fruiting  Field CROPS  Field CROPS  Field CROPS  Field CROPS  Foollection of egg masses (Yellow cottony mand borer borer)  Field CROPS  Fruiting  Field CROPS  Foollection of egg masses (Yellow cottony mand borer)  Field CROPS  Field CROPS  Foollection of egg masses (Yellow cottony mand borer)  Field CROPS  Field CROPS  Field CROPS  Foollection of egg masses (Yellow cottony mand borer)  Field CROPS  Field CROPS  Foollection of egg masses (Yellow cottony mand borer)	ass) is advised. Carbandazim logram of
French Bean Fruiting/ Harvesting  Ladies Finger Flowering/ Fruiting  Fruiting  Flowering/ Fruiting  Flexion  Collection of egg masses (Yellow cottony manuscry) Interculture operations,  Interculture operations  Flexion  Flowering/ Fruiting  Flowering/ Fruiting  Flowering/ Fruiting  Flexion  Flexi	Carbandazim logram of
Ladies Finger  Flowering/Fruiting  First Peetle Fruiting  Fight interculture and earthing up,  Light interculture operations,  Field CROPS  Field CROPS  Field CROPS  Field CROPS  Collection of egg masses (Yellow cottony mandal borer borer Interculture operations,  WRC rice-early crop  WRC rice-early crop  Transplant  Transplant  Transplant  Field CROPS  Collection of egg masses (Yellow cottony mandal borer before sowing, treat seeds with solution of Carbandazim 500 and provided the provided the provided to the provided	Carbandazim logram of
Ladies Finger  Flowering/ Fruiting  FIELD CROPS  Jhum Rice  Vegetative  Vegetative  Vegetative  Vegetative  Vegetative  Blister Beetle  FIELD CROPS  Collection of egg masses (Yellow cottony ma one litre of water per kilomater)  FIELD CROPS  Collection of egg masses (Yellow cottony ma one litre of water per kilomater)  Blast  Yellow stem  borer  Yellow stem  borer  SowP @ 1 grams in one litre of water per kilomater)  SowP @ 1 grams in one litre of water per kilomater)  Som Distriction of Carbandazim 5000 per kilomater)  Som Distriction of Carbandazim 5000 per kilomater)	Carbandazim logram of
Fruiting  FIELD CROPS  FIELD CROPS  Solution of egg masses (Yellow cottony management borer borer borer borer borer borer borer before early crop Transplant borer	Carbandazim logram of
Jhum RiceVegetativeYellow stem borer• Collection of egg masses (Yellow cottony ma • Interculture operations,WRC rice- early cropNursery Transplant• Before sowing, treat seeds with solution of Ca 50WP @ 1 grams in one litre of water per kile seeds. Spraying of crop with Carbandazim 50	Carbandazim logram of
borer  WRC rice- early crop  Transplant  borer  Blast Yellow stem borer  borer  • Interculture operations,  Before sowing, treat seeds with solution of Ca 50WP @ 1 grams in one litre of water per kile seeds. Spraying of crop with Carbandazim 50	Carbandazim logram of
WRC rice- early crop Transplant WRC rice- borer  Blast Yellow stem borer  Before sowing, treat seeds with solution of Carbandazim 50  50WP @ 1 grams in one litre of water per kile seeds. Spraying of crop with Carbandazim 50	logram of
early crop Transplant Yellow stem borer SoWP @ 1 grams in one litre of water per kild seeds. Spraying of crop with Carbandazim 50	logram of
borer seeds. Spraying of crop with Carbandazim 50	
	0 WP @ 1
grams per litre of water both in nursery and in	
	in main crop is
advised,	
Transplant of healthy seedlings.	
Collection and destruction of egg masses (Yell)	•
mass) is advised. Cut off the tips of the seedling	ings to kill the
egg masses.	
WRC rice – Nursery • Sowing of quality seeds in prepared nursery,	
Main (Mipun) preparation • Before sowing, treat seeds with solution of Ca	
50WP @ 1 grams in one litre of water per kilo	logram of
seeds.	
Potato Tuber Late blight • Monitoring the crop against attack of late blight	ght,
formation • Proper drainage facility should be insured,	
FRUIT CROPS	
Khasi Fruiting Citrus • Interculture operations,	
Mandarin Nursery 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	<u> </u>
Planting of new saplings may be done in pres	sent weather,
LIVESTOCKS	
Livestock Stage Disease Precautionary Practices to be follow	ved
Poultry All stages Ranikhet • Provide multivitamin,	
Proper vaccination with Briben Plus at a	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,	

		problems	
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: -15/2013-14/Fri Dated: 31st May, 2013

# Weather during the period

- Rainfall: -
  - Tezu 25.0 mm
  - Namsai 5.1 mm

#### **Weather Forecast**

- Rainfall -Partly cloudy weather with possibility of rains is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 15-29°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
Crop	stage		EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
		1	FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Green gram	Vegetative	Leaf eating catterpillar	<ul> <li>Interculture operations,</li> <li>Hand collection of caterpillar and its destruction,</li> <li>FRUIT CROPS</li> </ul>
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul><li>New Born - Provide cushioning material,</li><li>Vaccination against swine fever,</li></ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
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



### (Lower Subansiri)

**Dated: 31st May, 2013** No: -15/2013-14/Fri

### Weather during the period

- Rainfall: -
  - 1. Ziro –9.8 mm

### **Weather Forecast**

- <u>Rainfall</u> Cloudy/partially cloudy weather with rains are forecasted.
- **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 70-96 %.

### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
F	28		EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul><li>Interculture operations is required,</li><li>Light interculture and earthing up,</li></ul>
		1	FIELD CROPS
Jhum Rice	Vegetative	Yellow stem borer	<ul><li>Collection of egg masses (Yellow cottony mass) is advised.</li><li>Interculture operations,</li></ul>
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Potato	Tuber formation	Late blight	<ul><li>Monitoring the crop against attack of late blight,</li><li>Proper drainage facility should be insured,</li></ul>
		1	FRUIT CROPS
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul><li>Hand collection of the insects and its destruction,</li><li>Make proper drainage facility in the crop area,</li></ul>
Banana	All stages	Scary beetles	<ul> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
		1	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
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



## (Papum Pare)

No: -15/2013-14/Fri

### Weather during the period

Maximum temperature: 33.6 °C
Minimum Temperature: 23.3 °C
Relative Humidity (%):67-95

Rainfall: -

Itanagar – 67.8 mm
 Naharlagun – 52.7 mm

### **Weather Forecast**

- <u>Rainfall</u> Partly cloudy weather with light rains are forecasted.
- <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 53-94 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
		1	FIELD CROPS
Jhum Rice	Vegetative	Yellow stem borer	<ul><li>Collection of egg masses (Yellow cottony mass) is advised.</li><li>Interculture operations,</li></ul>
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
WRC rice – Main ( <i>Mipun</i> )	Nursery preparation		<ul> <li>Sowing of quality seeds in prepared nursery,</li> <li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Soybean	Vegetative		Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Potato	Tuber formation	Late blight	<ul> <li>Monitoring the crop against attack of late blight,</li> <li>Proper drainage facility should be insured,</li> </ul>
		T	FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul><li>Interculture operations,</li><li>Bordeaux pasting of the trunk,</li><li>Hand picking of larvae and its destruction,</li></ul>
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul> <li>Hand collection of the insects and its destruction,</li> <li>Make proper drainage facility in the crop area,</li> </ul>
Banana	All stages	Scary beetles	<ul> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Planting of new saplings may be done in present weather,</li> <li>LIVESTOCKS</li> </ul>

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,
		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



### (Tawang)

No: -15/2013-14/Fri Dated: 31st May, 2013

### Weather during the period

- Rainfall: -
  - 1. Tawang 90.0 mm

### **Weather Forecast**

- Rainfall –Partly cloudy weather with light rain is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 9-18°C.
- Relative Humidity The RH is likely to be in the range of 73-93 %.

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



### (Tirap)

No: -15/2013-14/Fri

# Weather during the period

- Rainfall: -
  - Khonsa –NA
  - <u>Deomali</u> –8.0 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 18-33°C.
- Relative Humidity The RH is likely to be in the range of 58-97 %.

### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
			FIELD CROPS
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
			FRUIT CROPS
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul><li>New Born - Provide cushioning material,</li><li>Vaccination against swine fever,</li></ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
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



### (Upper Siang)

No: -15/2013-14/Fri

# Weather during the period

- Rainfall:
  - o Tuting 85.8 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 63-92 %.

### Weather Based Agro-meteorological Advisories Bulletin

<u>weather Based Agro-meteorological Advisories Bulletin</u>					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>		
French Bean  Ladies Finger	Fruiting/ Harvesting Flowering/	Blister Beetle	<ul> <li>Interculture operations is required,</li> <li>Light interculture and earthing up,</li> <li>Light interculture operations,</li> </ul>		
	Fruiting				
Jhum Rice	Vegetative	Yellow stem borer	<ul> <li>FIELD CROPS</li> <li>Collection of egg masses (Yellow cottony mass) is advised.</li> <li>Interculture operations,</li> </ul>		
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>		
WRC rice – Main ( <i>Mipun</i> )	Nursery preparation		<ul> <li>Sowing of quality seeds in prepared nursery,</li> <li>Before sowing, treat seeds with solution of Carbandazim 50WP @ 1 grams in one litre of water per kilogram of seeds.</li> </ul>		
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,		
Soybean	Vegetative		Interculture operations,		
Black gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>		
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>		
Potato	Tuber formation	Late blight	<ul> <li>Monitoring the crop against attack of late blight,</li> <li>Proper drainage facility should be insured,</li> </ul>		
Khasi	Fruiting	Citana	FRUIT CROPS		
Mandarin	Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>		
Apple	Fruiting	Wooly Aphid	Application of paradiclorobenzene at 2 meter away from the trunk is advised,		
Banana	All stages	Scary beetles	<ul> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Planting of new saplings may be done in present weather,</li> <li>LIVESTOCKS</li> </ul>		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Ranikhet	<ul> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>		
Pigs	All stages	Swine fever	New Born - Provide cushioning material,		

Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
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



## (Upper Subansiri)

No: -15/2013-14/Fri Dated: 31st May, 2013

### Weather during the period

- Rainfall: -
  - 1. Daporijo- 34.6 mm

### **Weather Forecast**

- Rainfall Cloudy/partially cloudy weather with moderate rains are forecasted.
- <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 73-96 %.

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
		T	EG	ETABLE CROPS
Cucurbits	Flowering/	Fruit Fly	•	Mulching,
	Fruiting/		•	Collection and deep burying of infected fruit. Installation of
	Harvesting			pheromone traps.
French Bean	Fruiting/		•	Interculture operations is required,
	Harvesting		•	Light interculture and earthing up,
Ladies Finger	Flowering/ Fruiting	Blister Beetle	•	Light interculture operations,
				FIELD CROPS
Jhum Rice	Vegetative	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	Yellow stem		50WP @ 1 grams in one litre of water per kilogram of seeds.
		borer		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 –	Nursery		•	Sowing of quality seeds in prepared nursery,
Main (Mipun)	preparation		•	Before sowing, treat seeds with solution of Carbandazim
				50WP @ 1 grams in one litre of water per kilogram of seeds.
Maize	Vegetative/	Cob borer	•	Regular monitoring against attack of cob borer,
	Cob	Stem borer		
	formation			
Black gram	Vegetative	Leaf eating	•	Interculture operations,
		catterpillar	•	Hand collection of caterpillar and its destruction,
Green gram	Vegetative	Leaf eating	•	Interculture operations,
		catterpillar	•	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	Fruiting	Citrus	•	Interculture operations,
Mandarin	Nursery	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,
	.0	J = = = = = = = = = = = = = = = = = = =	•	Planting of new saplings may be done in present weather,
		1		LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	Ranikhet	•	Provide multivitamin,
200101	014800		•	Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	•	New Born - Provide cushioning material,
1 160	1 III stuges	5 WHICH CYCI		Vaccination against swine fever,
Cattle	All stages	FMD	•	· · · · · · · · · · · · · · · · · · ·
Catut	All stages	BQ&HS	•	Vaccination against FMD,
		Ecto-parasite	•	Regular monitoring,
		Leto parasite	•	Ruchamax at recommended dose,

		Digestive problems	
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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Crop

Apple

# **Integrated Agro-Meteorological Advisory Services**

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



### (West Kameng)

No: -15/2013-14/Fri

### Weather during the period

Rainfall: - Bomdila – 100.0 mm
 Bhalokpung –25.0 mm

Stage

Fruiting

#### **Weather Forecast**

- Rainfall Partially cloudy weather with rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 14-28°C.
- Relative Humidity The RH is likely to be in the range of 71-97 %.

Pest/Disease

Wooly Aphid

#### Weather Based Agro-meteorological Advisories Bulletin

**Precautionary Practices to be followed** 

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,	
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 0379522247 (KVK, West Siang)
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre
West Siang, Basar – 791 101



### (West Siang)

No: -15/2013-14/Fri Dated: 31st May, 2013

### Weather during the period

• During the period from 25<sup>th</sup> -24<sup>th</sup> May weather was cloudy and rains were recorded.

Maximum temperature: 27.5°C
Minimum Temperature: 21.5°C

• Rainfall: **91.0 mm** 

Evapotranspiration: - Not AvailableRelative Humidity (%):- 89-100%

• Soil moisture  $(m^2/m^2)$ :-0.35

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

Average Wind Speed: 6.2 kmphAverage Sunshine hours: 1.5 hours

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

### **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 19-30°C.
- Relative Humidity The RH is likely to be in the range of 70-96 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul> <li>Mulching,</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> </ul>
French Bean	Fruiting/ Harvesting		<ul><li>Interculture operations is required,</li><li>Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	Light interculture operations,
			FIELD CROPS
Jhum Rice	Vegetative	Yellow stem borer	<ul><li>Collection of egg masses (Yellow cottony mass) is advised.</li><li>Interculture operations,</li></ul>
WRC rice- early crop	Nursery Transplant	Blast Yellow stem borer	<ul> <li>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,</li> <li>Transplant of healthy seedlings.</li> <li>Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.</li> </ul>
WRC rice – Main ( <i>Mipun</i> )	Nursery preparation		<ul> <li>Sowing of quality seeds in prepared nursery,</li> <li>Before sowing, treat seeds with solution of Carbandazim</li> <li>50WP @ 1 grams in one litre of water per kilogram of seeds.</li> </ul>
Maize	Vegetative/ Cob formation	Cob borer Stem borer	Regular monitoring against attack of cob borer,
Soybean	Vegetative		Interculture operations,
Black gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Leaf eating catterpillar	<ul><li>Interculture operations,</li><li>Hand collection of caterpillar and its destruction,</li></ul>
Potato	Tuber formation	Late blight	<ul><li>Monitoring the crop against attack of late blight,</li><li>Proper drainage facility should be insured,</li></ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>
Apple	Fruiting	Wooly Aphid	<ul> <li>Application of paradiclorobenzene at 2 meter away from the</li> </ul>

			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,
		•	• 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,
_		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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