

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

# (<u>Changlang</u>)



No: -33/2013-14/Tue

# Weather during the period

Dated: 6<sup>th</sup> August, 2013

- <u>Rainfall</u>: -
  - Changlang NA
  - Miao NA

## Weather Forecast

- <u>Rainfall</u>-Partially cloudy/cloudy weather with light/moderate rains forecasted.
- <u>**Temperature</u>** The temperature is likely to be in the range of 15-24 °C.</u>
- **<u>Relative Humidity</u>** The RH is likely to be in the range of 71-100 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		V	EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
Tomato Brinjal	Fruiting/ Maturity/ Harvesting	Brinjal Fruit and Shoot borer	<ul> <li>Interculture operations,</li> <li>Manual collection/burying of the infected fruit/damaged shoots. If insect damage is high, spraying of any systemic insecticide under supervision of VLW/line department agriculture persons on a clear day is advised.</li> </ul>
			FIELD CROPS
WRC rice – Main crop	Vegetative/ Tillering	Stem borer	• Before transplanting, cut the top portion of the transplants to ward of the stem borer,
		Gundhi bug	Collect and destroy stray bugs found in isolated places, <b>FRUIT CROPS</b>
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> <li>LIVESTOCKS</li> </ul>
<b>-</b>	0		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccinate new birds as per schedule,</li> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> <li>In present weather conditions, avoid caking of the excreta,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw etc and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages		Deworming and vaccination.
	All stages		Disease monitoring,

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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

(Dibang Valley)



<u>No: -33/2013-14/Tue</u>

# Weather during the period

Dated: 6<sup>th</sup> August, 2013

- <u>Rainfall</u>: -
  - Roing NA
    - Anini NA

## Weather Forecast

- <u>Rainfall</u> Clear/partly cloudy weather with light/moderate rains are forecasted.
- <u>**Temperature**</u> The temperature is likely to be in the range of 5-23 °C.
- <u>**Relative Humidity</u>** The RH is likely to be in the range of 57-98 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed					
	VEGETABLE CROPS							
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>					
			FIELD CROPS					
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.					
WRC rice- early crop	Tillering/ Flowering	Gundhi bug	<ul><li>Collect and destroy stray bugs found in isolated places,</li><li>Maintain adequate water level in the crop field,</li></ul>					
WRC rice – Main crop ( <i>Mipun</i> )	Vegetative	Stem borer	<ul><li>Manual removal of egg masses,</li><li>Proper drainage facility should be done in the crop field,</li></ul>					
			FRUIT CROPS					
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>					
Banana	All stages		<ul> <li>Removal of side suckers,</li> </ul>					
	ougoo		<ul> <li>Planting of new saplings may be done in present weather,</li> </ul>					
Guava	Fruiting		• Racking of area under the basin may be done					
	11		LIVESTOCKS					
Livestock	Stage	Disease	Precautionary Practices to be followed					
Poultry	All stages		<ul> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>					
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw etc and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>					
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>					
Goat/Sheep	All stages		Deworming and vaccination.					
Fish	All stages		Disease monitoring,					
conditions	or call at 03795	5226247/37	Staff or KVK staff for any queries/measures against adverse 1 Pradesh Centre, Basar and India Meteorological Department					

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Agro Meteorological Field Unit



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



# (East Kameng)

### <u>No: -33/2013-14/Tue</u>

#### Dated: 6<sup>th</sup> August, 2013

Rainfall: -

• Seppa – NA

## Weather Forecast

Weather during the period

• <u>Rainfall</u>-Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.

• <u>**Temperature</u>** - The temperature is likely to be in the range of 9-19°C.</u>

• <u>**Relative Humidity</u>** - The RH is likely to be in the range of 63-97 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
			FIELD CROPS
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.
WRC rice- early crop	Tillering/ Flowering	<i>Gundhi</i> bug	<ul><li>Collect and destroy stray bugs found in isolated places,</li><li>Maintain adequate water level in the crop field,</li></ul>
WRC rice – Main crop ( <i>Mipun</i> )	Vegetative	Stem borer	<ul><li>Manual removal of egg masses,</li><li>Proper drainage facility should be done in the crop field,</li></ul>
771 '		m 11	FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>
Banana	All stages		<ul> <li>Avoid water stagnation hear the tree trunk,</li> <li>Removal of side suckers,</li> </ul>
			<ul> <li>Planting of new saplings may be done in present weather,</li> </ul>
Guava	Fruiting		Racking of area under the basin may be done
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw etc and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages		Deworming and vaccination.
Fish	All stages		• Disease monitoring,

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar - 791 101

## (East Siang)

## <u>No: -33/2013-14/Tue</u>

## Weather during the period

Dated: 6<sup>th</sup> August, 2013

- Maximum temperature: NA
- Minimum Temperature: NA
- Rainfall:
  - Pasighat NA
- Relative humidity (%): NA •

## Weather Forecast

- Rainfall Cloudy/partially cloudy weather with light rains are forecasted. Moderate/heavy rains may • occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 23-30 °C. ٠
- <u>Relative Humidity</u> The RH is likely to be in the range of 77-99 %. •

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
<i>1</i> / D'	A 6'11 '	0 11 1	FIELD CROPS		
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	<ul> <li>In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.</li> </ul>		
WRC rice-	Tillering/	<i>Gundhi</i> bug	• Collect and destroy stray bugs found in isolated places,		
early crop	Flowering		• Maintain adequate water level in the crop field,		
WRC rice –	Vegetative	Stem borer	• Manual removal of egg masses,		
Main crop ( <i>Mipun</i> )			• Proper drainage facility should be done in the crop field,		
			FRUIT CROPS		
Khasi Mandarin Banana	Fruiting All stages	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> <li>Removal of side suckers,</li> </ul>		
Danana	All stages		<ul> <li>Planting of new saplings may be done in present weather,</li> </ul>		
Guava	Fruiting		<ul> <li>Racking of area under the basin may be done</li> </ul>		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages	Discase	<ul> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>		
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw etc and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>		
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>		
Goat/Sheep	All stages		Deworming and vaccination.		
Fish	All stages		Disease monitoring,		
	U		Staff or KVK staff for any queries/measures against adverse		

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



# (<u>Lohit</u>)

Weather during the period

## Dated: 6<sup>th</sup> August, 2013

No: -33/2013-14/Tue

- <u>Rainfall</u>: -
  - Tezu NANamsai NA

## Weather Forecast

- <u>Rainfall</u>-Cloudy/partially cloudy weather with rains for next 1/2 days and thereafter clear weather are forecasted.
- <u>**Temperature</u>** The temperature is likely to be in the range of 9-19°C.</u>
- <u>**Relative Humidity</u>** The RH is likely to be in the range of 74-99 %.</u>

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease		Precautionary Practices to be followed
			EG	ETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	•	In present weather conditions, severe fruit fly damage is reported, Collection/deep burying (Atleast 4 feet deep) of infected fruit, If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,
Tomato Brinjal	Fruiting/ Maturity/ Harvesting	Brinjal Fruit and Shoot borer	•	Interculture operations, Manual collection/burying of the infected fruit/damage shoots. If insect damage is high, spraying of any systemi insecticide under supervision of VLW/line department agriculture persons on a clear day is advised.
				FIELD CROPS
WRC rice – Main crop	Vegetative/ Tillering	Stem borer	•	Before transplanting, cut the top portion of the transplants to ward of the stem borer,
		Gundhi bug	•	Collect and destroy stray bugs found in isolated places,
				FRUIT CROPS
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	•	In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised, Weeding around basin, Avoid water stagnation near the tree trunk, LIVESTOCKS
<b>T 1</b>	0			
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		•	Vaccinate new birds as per schedule, In present weather conditions mix anticoccideosis in the feed of the birds, Proper vaccination with Briben Plus at recommended dose, In present weather conditions, avoid caking of the excreta,
Pigs	All stages	Swine fever	•	New Born - Provide cushioning material like hay/straw et and also provide heating support, Provide calcium in the feed of nursing mother, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite	•	Provide abundant green fodder and mineral mixture for good milk production, Deworming with Briben Plus is advised,
Goat/Sheep	All stages		•	Deworming and vaccination.
Fish	All stages		•	Disease monitoring,
conditions	or call at 0379	5226247/37		ff or KVK staff for any quaries/measures against adverse

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Integrated Agro-Meteorological Advisory Services ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



# (Lower Subansiri)

#### No: -33/2013-14/Tue

Weather during the period

Dated: 6<sup>th</sup> August, 2013

- <u>Rainfall</u>: -
  - 1. Ziro NA

## Weather Forecast

- <u>Rainfall</u> Cloudy/partially cloudy weather with moderate/heavy rains forecasted.
  - <u>**Temperature**</u> The temperature is likely to be in the range of 7-17 °C.
- **<u>Relative Humidity</u>** The RH is likely to be in the range of 64-96 %.

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage i reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
Ladies Finger	Harvesting		<ul> <li>Ensure proper drainage,</li> <li>Harvesting of mature fruit,</li> <li>Light interculture operations,</li> </ul>
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	<ul> <li>FIELD CROPS</li> <li>In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.</li> </ul>
WRC rice – Main crop ( <i>Mipun</i> )	Vegetative	Stem borer	<ul> <li>Manual removal of egg masses,</li> <li>Proper drainage facility should be done in the crop field,</li> </ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>
Guava	Fruiting		<ul> <li>Racking of area under the basin may be done</li> </ul>
	0		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry Pigs	All stages All stages	Swine fever	<ul> <li>Vaccinate new birds as per schedule,</li> <li>In present weather conditions mix anticoccideosis in the feet of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> <li>In present weather conditions, avoid caking of the excreta,</li> <li>New Born - Provide cushioning material like hay/straw et and also provide heating support,</li> </ul>
Cattle	All stages	FMD BQ&HS	<ul> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> <li>Provide abundant green fodder and mineral mixture for goo milk production,</li> </ul>
		Ecto-parasite	• Deworming with Briben Plus is advised,
		P	
Goat/Sheep	All stages	r	Deworming and vaccination.

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



# (<u>Papum Pare</u>)

## No: -33/2013-14/Tue

Weather during the period

Dated: 6<sup>th</sup> August, 2013

- Maximum temperature: NA
- Minimum Temperature: NA
- Relative Humidity (%):NA
- <u>Rainfall</u>: -
  - 1. Itanagar NA
    - 2. Naharlagun NA

## Weather Forecast

- **<u>Rainfall</u>** Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
- <u>**Temperature</u>** The temperature is likely to be in the range of 23-30°C.</u>
- <u>**Relative Humidity</u>** The RH is likely to be in the range of 60-97 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage i reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
			FIELD CROPS
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbary @ 25 kilogram per hectare is advised.
WRC rice- early crop WRC rice – Main crop ( <i>Mipun</i> )	Tillering/ Flowering Vegetative	<i>Gundhi</i> bug Stem borer	<ul> <li>Collect and destroy stray bugs found in isolated places,</li> <li>Maintain adequate water level in the crop field,</li> <li>Manual removal of egg masses,</li> <li>Proper drainage facility should be done in the crop field,</li> </ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>
Banana	All stages		Removal of side suckers,
Cillova	Emiting		Planting of new saplings may be done in present weather,
Guava	Fruiting		Racking of area under the basin may be done
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>In present weather conditions mix anticoccideosis in the fee of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw et and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for goo milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages	_	Deworming and vaccination.
Fish	All stages		Disease monitoring,
Contact Sc	rientists (ICAR	) or State Agril	Staff or KVK staff for any queries/measures against adverse

conditions or call at 03795226247/37

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar - 791 101</u>



## (Tawang)

No: -33/2013-14/Tue

## Weather during the period

Dated: 6<sup>th</sup> August, 2013

<u>Rainfall</u>: 1. Tawang – NA

## Weather Forecast

• <u>Rainfall</u> – Cloudy/partially cloudy weather with moderate rains are forecasted.

• <u>**Temperature</u>** - The temperature is likely to be in the range of 10-17 °C.</u>

• <u>**Relative Humidity</u>** - The RH is likely to be in the range of 77-94 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FRUITS
Apple	Maturity Fruit Developme	, i i i i i i i i i i i i i i i i i i i	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
		Trunk	• Installation of light traps to capture adults.
		Borer	• Urgent/immediate treatment of affected parts of trees,
			VEGETABLE CROPS
Potato	Harvesting /Storage		<ul> <li>While harvesting take care should be taken that no bruises occur in the tuber,</li> <li>After digging, heap the potato for hardening of the skin,</li> <li>After hardening, sorting of grading should be done,</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccinate new birds as per schedule,</li> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Prihon Plus at recommended dose</li> </ul>
			<ul> <li>Proper vaccination with Briben Plus at recommended dose,</li> <li>In present weather conditions, avoid calving of the guerate.</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>In present weather conditions, avoid caking of the excreta,</li> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages		Deworming and vaccination.
	entists (ICAI 247 (KVK, V		Staff or KVK staff for measures against adverse conditions or call

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



# (<u>Tirap</u>)

### No: -33/2013-14/Tue

Weather during the period

Dated: 6<sup>th</sup> August, 2013

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

## Weather Forecast

- <u>**Rainfall**</u> Cloudy/partially cloudy weather with light rains are forecasted. Moderate/heavy rains may occur at few places.
- <u>**Temperature</u>** The temperature is likely to be in the range of 19-31°C.</u>
  - **<u>Relative Humidity</u>** 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
		1	EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infecte fruit,</li> </ul>
Tomato	Fruiting/ Maturity/ Harvesting	Brinjal Fruit and Shoot borer	<ul> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> <li>Interculture operations,</li> <li>Manual collection/burying of the infected fruit/damage shoots. If insect damage is high, spraying of any systemi insecticide under supervision of VLW/line department</li> </ul>
Brinjal			agriculture persons on a clear day is advised.
			FIELD CROPS
WRC rice – Main crop	Vegetative/ Tillering	Stem borer	• Before transplanting, cut the top portion of the transplants to ward of the stem borer,
		Gundhi bug	• Collect and destroy stray bugs found in isolated places,
			FRUIT CROPS
Lemon	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> <li>LIVESTOCKS</li> </ul>
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul> <li>Vaccinate new birds as per schedule,</li> <li>In present weather conditions mix anticoccideosis in th feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> <li>In present weather conditions, avoid caking of the excreta,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw et and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages		Deworming and vaccination.
Fish	All stages		Disease monitoring,
conditions	or call at 0379	5226247/37	Staff or KVK staff for any quaries/measures against adverse

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre



## (Upper Siang)

#### No: -33/2013-14/Tue

## Dated: 6<sup>th</sup> August, 2013

#### Weather during the period

- Rainfall: -
  - Tuting NA

## Weather Forecast

- <u>Rainfall</u> Clear/partly cloudy weather are forecasted. •
- <u>**Temperature**</u> The temperature is likely to be in the range of 10-20°C. •
- **<u>Relative Humidity</u>** The RH is likely to be in the range of 63-93 %. ٠

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VI	EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage i reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
			FIELD CROPS
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.
WRC rice- early crop WRC rice – Main crop ( <i>Mipun</i> )	Tillering/ Flowering Vegetative	<i>Gundhi</i> bug Stem borer	<ul> <li>Collect and destroy stray bugs found in isolated places,</li> <li>Maintain adequate water level in the crop field,</li> <li>Manual removal of egg masses,</li> <li>Proper drainage facility should be done in the crop field,</li> </ul>
			FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>
Banana	All stages		<ul> <li>Removal of side suckers,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
Guava	Fruiting		Racking of area under the basin may be done
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Discuse	<ul> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw et and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture fo good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
Goat/Sheep	All stages		• Deworming and vaccination.
Fish	All stages		• Disease monitoring,
	ientists (ICAR) or call at 03795	-	Staff or KVK staff for any queries/measures against adverse

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

(Upper Subansiri)

#### No: -33/2013-14/Tue



#### Weather during the period

Dated: 6<sup>th</sup> August, 2013

- <u>Rainfall</u>: -
  - Daporijo- NA

#### Weather Forecast

- <u>Rainfall</u> Cloudy/partially cloudy weather for next 2 days and thereafter weather may be clear/partially cloudy.
- <u>**Temperature</u>** The temperature is likely to be in the range of 9-18 °C.</u>
- **<u>Relative Humidity</u>** The RH is likely to be in the range of 67-96 %.

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			EGETABLE CROPS
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage i reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3m per litre of water is advised,</li> </ul>
71 D'		0 11 1 1	FIELD CROPS
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.
WRC rice-	Tillering/	<i>Gundhi</i> bug	• Collect and destroy stray bugs found in isolated places,
early crop	Flowering		• Maintain adequate water level in the crop field,
WRC rice – Main crop ( <i>Mipun</i> )	Vegetative	Stem borer	<ul><li>Manual removal of egg masses,</li><li>Proper drainage facility should be done in the crop field,</li></ul>
· - ·			FRUIT CROPS
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>
Banana	All stages		<ul> <li>Removal of side suckers,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
Guava	Fruiting		<ul> <li>Racking of area under the basin may be done</li> </ul>
	8		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Distast	<ul> <li>In present weather conditions mix anticoccideosis in th feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw et and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>
Cattle	All stages	FMD BQ&HS Ecto-parasite	<ul> <li>Provide abundant green fodder and mineral mixture for good milk production,</li> <li>Deworming with Briben Plus is advised,</li> </ul>
	A 11 .		Deworming and vaccination.
Goat/Sheep	All stages		6

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101

## (West Kameng)



No: -33/2013-14/Tue

## Weather during the period

Dated: 6<sup>th</sup> August, 2013

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

#### Weather Forecast

• <u>Rainfall</u> – Cloudy weather with moderate to heavy rains are forecasted.

• <u>**Temperature</u>** - The temperature is likely to be in the range of 11-18°C.</u>

• <u>**Relative Humidity</u>** - The RH is likely to be in the range of 73-97 %.</u>

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FRUITS
Apple	Maturity Fruit Developme	ent	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>
		Trunk	• Installation of light traps to capture adults.
		Borer	• Urgent/immediate treatment of affected parts of trees,
		1	VEGETABLE CROPS
Potato	Harvesting		• While harvesting take care should be taken that no bruises
	/Storage		occur in the tuber,
			• After digging, heap the potato for hardening of the skin,
			• After hardening, sorting of grading should be done,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Vaccinate new birds as per schedule,
			• In present weather conditions mix anticoccideosis in the feed of the birds,
			• Proper vaccination with Briben Plus at recommended dose,
			• In present weather conditions, avoid caking of the excreta,
Cattle	All stages	FMD	• Provide abundant green fodder and mineral mixture for good milk
	-	BQ&HS	production,
		Ecto-parasite	• Deworming with Briben Plus is advised,
Goat/Sheep	All stages		Deworming and vaccination.
Contact Sci	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: -33/2013-14/Tue

## Weather during the period

Dated: 6<sup>th</sup> August, 2013

- During the period weather was clear, dry and hot on 2<sup>nd</sup> and 3<sup>rd</sup> but from 4<sup>th</sup> onwards rains were recorded.
- Maximum temperature: 35.5 °C
- Minimum Temperature:23.0 °C
- Rainfall: 45.4 mm
- Evapotranspiration: <u>NA</u>
- Relative Humidity (%):- 69-98 %
- Soil moisture  $(m^2/m^2):-0.29$
- Prominent Wind Direction: South West (Morning hours) & South West (Afternoon)
- Average Wind Speed : <u>0.8 kmph</u>
- Average Sunshine hours : <u>4.9 hours</u>

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

## Weather Forecast

- <u>**Rainfall**</u> Cloudy/partially cloudy weather with light rains are forecasted. Moderate/heavy rains may occur at few places.
- <u>**Temperature</u>** The temperature is likely to be in the range of 13-22 °C.</u>
- **<u>Relative Humidity</u>** The RH is likely to be in the range of 74-97 %.

#### Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Cucurbits	Mature/ Harvest	Fruit fly	<ul> <li>In present weather conditions, severe fruit fly damage is reported,</li> <li>Collection/deep burying (Atleast 4 feet deep) of infected fruit,</li> <li>If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,</li> </ul>		
			FIELD CROPS		
Jhum Rice	Milking stage /Maturity	<i>Gundhi</i> bug	• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised.		
WRC rice- early crop	Tillering/ Flowering	Gundhi bug	<ul> <li>Collect and destroy stray bugs found in isolated places,</li> <li>Maintain adequate water level in the crop field,</li> </ul>		
WRC rice – Main crop ( <i>Mipun</i> )	Vegetative	Stem borer	<ul> <li>Manual removal of egg masses,</li> <li>Proper drainage facility should be done in the crop field,</li> </ul>		
· · · · · · · · · · · · · · · · · · ·			FRUIT CROPS		
Khasi Mandarin	Fruiting	Trunk borer, Ants Lichen/ mosses	<ul> <li>In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,</li> <li>Weeding around basin,</li> <li>Avoid water stagnation near the tree trunk,</li> </ul>		
Banana	All stages		<ul><li>Removal of side suckers,</li><li>Planting of new saplings may be done in present weather,</li></ul>		
Guava	Fruiting		Racking of area under the basin may be done		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		<ul> <li>In present weather conditions mix anticoccideosis in the feed of the birds,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>		
Pigs	All stages	Swine fever	<ul> <li>New Born - Provide cushioning material like hay/straw etc and also provide heating support,</li> <li>Provide calcium in the feed of nursing mother,</li> <li>Vaccination against swine fever,</li> </ul>		

Cattle	All stages	FMD	٠	Provide abundant green fodder and mineral mixture for good				
		BQ&HS		milk production,				
		Ecto-parasite	٠	Deworming with Briben Plus is advised,				
Goat/Sheep	All stages		•	Deworming and vaccination.				
Fish	All stages		٠	Disease monitoring,				
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