



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- **Rainfall:** -
  - Changlang –NA
  - Miao– 34.6 mm

## Weather Forecast

• <b>Rainfall</b> – Overcast weather with light rains for next 2/3 days and thereafter clear weather is forecasted.
• <b>Temperature</b> - The temperature is likely to be in the range of 19-31°C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 53-99 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
<b>FIELD CROPS</b>			
WRC rice- early crop	Nursery Transplant	Blast  Yellow stem borer	<ul style="list-style-type: none"><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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><li>• Interculture operations,</li><li>• Bordeaux pasting of the trunk,</li><li>• Hand picking of larvae and its destruction,</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"><li>• Provide multivitamin,</li><li>• Proper vaccination with Briben Plus at recommended dose,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>

Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none"><li>Ruchamax at recommended dose,</li></ul>
<ul style="list-style-type: none"><li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

**Agrometeorological Field Unit  
ICAR, BASAR**



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- **Rainfall:** -
  - Roing – 9.0 mm
  - Anini – 9.0 mm

## Weather Forecast

• <b>Rainfall</b> – Overcast weather with light/moderate rains for next 2/3 days and thereafter clear weather is forecasted.
• <b>Temperature</b> - The temperature is likely to be in the range of 17-29 °C.
• <b>Relative Humidity</b> - The RH is likely to be in the range of 46-96%.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
Jhum Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 (Mipun)	Nursery Raising		<ul style="list-style-type: none"><li>• Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>• Interculture operations,</li></ul>
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"><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		<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li></ul>

		Citrus butterfly	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Application of paradichlorobenzene at 2 meter away from the trunk is advised,</li> </ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Bagging with 5 % perforated polythene bags,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none"> <li>Ruchamax at recommended dose,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

### Rainfall: -

- Seppa – 17.0 mm

### Weather Forecast

• <b><u>Rainfall</u></b> – Overcast weather with moderate rains is forecasted during next 2/3 days
• <b><u>Temperature</u></b> - The temperature is likely to be in the range of 20-32°C.
• <b><u>Relative Humidity</u></b> - The RH is likely to be in the range of 53-96 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 Raising		<ul style="list-style-type: none"><li>• Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>• Interculture operations,</li></ul>
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	  Citrus butterfly	<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><li>• Interculture operations,</li><li>• Bordeaux pasting of the trunk,</li><li>• Hand picking of larvae and its destruction,</li></ul>
<i>Kiwi</i>	Flowering	Leaf eating	<ul style="list-style-type: none"><li>• Hand collection of the insects and its destruction,</li></ul>

	Fruiting	beetle	<ul style="list-style-type: none"> <li>Make proper drainage facility in the crop area,</li> </ul>
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India N  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Siang)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Maximum temperature: 33.1°C
- Minimum Temperature: 23.5 °C
- Rainfall:  
Pasighat –21.7 mm
- Relative humidity (%): 67-98

## Weather Forecast

- Rainfall – Overcast weather with light/moderate rains for next ½ days and thereafter clear weather is forecasted.
- Temperature - The temperature is likely to be in the range of 21-32°C.
- Relative Humidity - The RH is likely to be in the range of 50-98 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"> <li>Interculture operations</li> <li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li> <li>It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li> </ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"> <li>Transplanting of mature seedlings,</li> </ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"> <li>Light interculture and earthing up,</li> </ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"> <li>Light interculture operations,</li> <li>Manual collection of adults and destruction,</li> </ul>
<b>FIELD CROPS</b>			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"> <li>Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"> <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 Raising		<ul style="list-style-type: none"> <li>Sowing of quality seeds in 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	<ul style="list-style-type: none"> <li>Regular monitoring against attack of cob borer,</li> </ul>
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"> <li>Spraying with a contact insecticide on a clear day,</li> <li>Interculture operations,</li> <li>Hand collection of caterpillar and its destruction,</li> </ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"> <li>Spraying with a contact insecticide on a clear day,</li> <li>Interculture operations,</li> <li>Hand collection of caterpillar and its destruction,</li> </ul>
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> <li>Monitoring the crop against attack of late blight,</li> <li>Proper drainage facility should be insured,</li> </ul>
<b>FRUIT CROPS</b>			

Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"> <li>Intercropping with any pulse crop is advised,</li> <li>Racking,</li> <li>Interculture operations,</li> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
 Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
 ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Tezu – 7.5 mm
  - Namsai – 0.0 mm

## Weather Forecast

• <u>Rainfall</u> – Overcast weather with light rain in few places is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 17-29°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 59-99 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
<b>FIELD CROPS</b>			
WRC rice- early crop	Nursery Transplant	Blast  Yellow stem borer	<ul style="list-style-type: none"><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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><li>• Interculture operations,</li><li>• Bordeaux pasting of the trunk,</li><li>• Hand picking of larvae and its destruction,</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"><li>• Provide multivitamin,</li><li>• Proper vaccination with Briben Plus at recommended dose,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>
Goat/Sheep	All stages	Digestive	<ul style="list-style-type: none"><li>• Ruchamax at recommended dose,</li></ul>

		problems	
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax).

**Agrometeorological Field Unit  
ICAR, BASAR**



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Ziro –2.2 mm

## Weather Forecast

- Rainfall – Overcast weather with light/moderate rains for next ½ days and thereafter clear weather is forecasted.
- Temperature - 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 57-95 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>Interculture operations</li><li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>Light interculture operations,</li><li>Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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	<ul style="list-style-type: none"><li>Regular monitoring against attack of cob borer,</li></ul>
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>Intercropping with any pulse crop is advised,</li><li>Racking,</li><li>Interculture operations,</li><li>Bordeaux pasting of the trunk,</li><li>Hand picking of larvae and its destruction,</li></ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>Apply Malathion dust 5D inside the whorl of the plant,</li><li>Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"><li>Provide multivitamin,</li><li>Proper vaccination with Briben Plus at recommended dose,</li></ul>

Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37,-96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Maximum temperature: 32.3 °C
- Minimum Temperature: 23.3 °C
- Relative Humidity (%): 76-89
- Rainfall: -
  1. Itanagar – 22.0 mm
  2. Naharlagun – 21.3 mm

## Weather Forecast

- Rainfall – Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- Temperature - The temperature is likely to be in the range of 24-34°C.
- Relative Humidity - The RH is likely to be in the range of 45-91 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 Raising		<ul style="list-style-type: none"><li>• Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>• Interculture operations,</li></ul>
Black gram	Vegetative	Beetle/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery		<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><li>• Interculture operations,</li></ul>

		Citrus butterfly	<ul style="list-style-type: none"> <li>Bordeaux pasting of the trunk,</li> <li>Hand picking of larvae and its destruction,</li> </ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Bagging with 5 % perforated polythene bags,</li> <li>Planting of new saplings may be done in present weather,</li> </ul>
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Tawang – 18.0 mm

## Weather Forecast

- Rainfall – Overcast weather with light/moderate rains is forecasted during next 2/3 days.
- Temperature - The temperature is likely to be in the range of 11-21°C.
- Relative Humidity - The RH is likely to be in the range of 57-92 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
		Weevil	• Regular monitoring and treatment against weevil 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	Late blight	• Monitoring the crop against attack of late blight,

## 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 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)**

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Khonsa –NA
  - Deomali –20.2 mm

## Weather Forecast

• <u>Rainfall</u> – Clear/partially cloudy weather are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 21-33°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 46-94 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>VEGETABLE CROPS</b>			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
<b>FIELD CROPS</b>			
WRC rice- early crop	Nursery Transplant	Blast  Yellow stem borer	<ul style="list-style-type: none"><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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Green gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
<b>FRUIT CROPS</b>			
Lemon/other citrus fruits	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><li>• Interculture operations,</li><li>• Bordeaux pasting of the trunk,</li><li>• Hand picking of larvae and its destruction,</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"><li>• Provide multivitamin,</li><li>• Proper vaccination with Briben Plus at recommended dose,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>
Goat/Sheep	All stages	Digestive	<ul style="list-style-type: none"><li>• Ruchamax at recommended dose,</li></ul>

		problems	
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

**Agrometeorological Field Unit  
ICAR, BASAR**



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Tuting – 10.2 mm

## Weather Forecast

- Rainfall –Partially cloudy/clear weather is forecasted.
- Temperature - The temperature is likely to be in the range of 18-28°C.
- Relative Humidity - The RH is likely to be in the range of 52-93 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 Raising		<ul style="list-style-type: none"><li>• Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li><li>• Spraying with</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>• Interculture operations,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"><li>• Intercropping with any pulse crop is advised,</li><li>• Racking,</li><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 style="list-style-type: none"><li>• Application of paradichlorobenzene at 2 meter away from the trunk is advised,</li></ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Apply Malathion dust 5D inside the whorl of the plant,</li><li>• Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"><li>• Provide multivitamin,</li><li>• Proper vaccination with Briben Plus at recommended dose,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: -
  - Daporijo- 28.6 mm

## Weather Forecast

• <u>Rainfall</u> – Overcast weather with light/moderate rains for next ½ days and thereafter clear weather is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 19-29°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 57-96 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>Interculture operations</li><li>Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>Transplanting of mature seedlings,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>Light interculture and earthing up,</li><li></li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>Light interculture operations,</li><li>Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
Jhum Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 (Mipun)	Nursery Raising		<ul style="list-style-type: none"><li>Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>Regular monitoring against attack of cob borer,</li><li>Spraying with</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>Interculture operations,</li></ul>
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Citrus butterfly	<ul style="list-style-type: none"><li>Intercropping with any pulse crop is advised,</li><li>Racking,</li><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 style="list-style-type: none"><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 style="list-style-type: none"><li>Apply Malathion dust 5D inside the whorl of the plant,</li><li>Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"><li>• Provide multivitamin,</li><li>• Proper vaccination with Briben Plus at recommended dose,</li></ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• Vaccination against FMD,</li><li>• Regular monitoring,</li><li>• Ruchamax at recommended dose,</li></ul>
<ul style="list-style-type: none"><li>• <b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li></ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- Rainfall: - Bomdila – 16.0 mm  
Bhalokpung –10.0 mm

## Weather Forecast

- Rainfall – Overcast weather with light/moderate rains are forecasted.
- Temperature - The temperature is likely to be in the range of 18-30°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
Apple	Fruiting	Wooly Aphid	• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
		Weevil	• Regular monitoring and treatment against weevil 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	Late blight	• Monitoring the crop against attack of late blight, • 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 BQ&HS Ecto-parasite Digestive problems	• Vaccination against FMD, • Regular monitoring, • Ruchamax at recommended dose,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,

**Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)**

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

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

**Agrometeorological Field Unit  
ICAR, BASAR**



# Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Siang)

No: -17/2013-14/Fri

Dated: 7<sup>th</sup> June, 2013

## Weather during the period

- During the period weather was partially cloudy and rain was recorded.
- Maximum temperature: 28.0°C
- Minimum Temperature: 21.0°C
- Rainfall: **46.4 mm**
- Evapotranspiration: - Not Available
- Relative Humidity (%):- 92-100%
- Soil moisture (m<sup>2</sup>/ m<sup>2</sup>):-0.35
- Prominent Wind Direction: South East (Morning hours) & North East (Afternoon)
- Average Wind Speed : 4.2 kmph
- Average Sunshine hours : 0.2 hours

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

## Weather Forecast

• <b><u>Rainfall</u></b> – Overcast weather with light/moderate rains for next ½ days and thereafter clear weather is forecasted.
• <b><u>Temperature</u></b> - The temperature is likely to be in the range of 21-30°C.
• <b><u>Relative Humidity</u></b> - The RH is likely to be in the range of 54-96 %.

## Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Flowering/ Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"><li>• Interculture operations</li><li>• Collection and deep burying of infected fruit. Installation of pheromone traps.</li><li>• It is advised to avoid allowing fruit to come in direct contact with the soil as it may attract insects and diseases.</li></ul>
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"><li>• Transplanting of mature seedlings maintaining proper moisture level in the soil,</li></ul>
Beans/ French Bean	Fruiting/ Harvesting		<ul style="list-style-type: none"><li>• Light interculture and earthing up,</li></ul>
Ladies Finger	Flowering/ Fruiting	Blister Beetle	<ul style="list-style-type: none"><li>• Light interculture operations,</li><li>• Manual collection of adults and destruction,</li></ul>
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast  Yellow stem borer	<ul style="list-style-type: none"><li>• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,</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 style="list-style-type: none"><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 Raising		<ul style="list-style-type: none"><li>• Sowing of quality seeds in 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	<ul style="list-style-type: none"><li>• Regular monitoring against attack of cob borer,</li></ul>
Soybean	Vegetative		<ul style="list-style-type: none"><li>• Interculture operations,</li></ul>
Black gram	Vegetative	Beetle/ Leaf eating catterpillar	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li><li>• Interculture operations,</li><li>• Hand collection of caterpillar and its destruction,</li></ul>
Green gram	Vegetative	Beetle/	<ul style="list-style-type: none"><li>• Spraying with a contact insecticide on a clear day,</li></ul>

		Leaf eating caterpillar	<ul style="list-style-type: none"> <li>Interculture operations,</li> <li>Hand collection of caterpillar and its destruction,</li> </ul>
Potato	Tuber formation	Late blight	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Intercropping with any pulse crop is advised,</li> <li>Racking,</li> <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 style="list-style-type: none"> <li>Application of paradichlorobenzene at 2 meter away from the trunk is advised,</li> </ul>
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Apply Malathion dust 5D inside the whorl of the plant,</li> <li>Bagging with 5 % perforated polythene bags,</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 style="list-style-type: none"> <li>Provide multivitamin,</li> <li>Proper vaccination with Briben Plus at recommended dose,</li> </ul>
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Vaccination against FMD,</li> <li>Regular monitoring,</li> <li>Ruchamax at recommended dose,</li> </ul>
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none"> <li>Ruchamax at recommended dose,</li> </ul>
<ul style="list-style-type: none"> <li><b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37</b></li> </ul>			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department  
Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agro Meteorological Field Unit  
 ICAR, BASAR