



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		• Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Trunk Borer Citrus butterfly	• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant, • Bagging with 5 % perforated polythene bags, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	• Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	• Wallowing should be encouraged, • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	• Reduce concentrate feed and increase green leaves, • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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

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

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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- **Rainfall:** -
 - Roing – NA
 - Anini – 0.0 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none">• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none">• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		<ul style="list-style-type: none">• Harvesting of mature fruit,• Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Blast Yellow stem borer	<ul style="list-style-type: none">• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (Mipun)	Nursery Transplant	Blast	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Potato	Tuber formation		<ul style="list-style-type: none">• Proper drainage facility should be insured,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none">• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults,• Intercropping with any pulse crop is advised,• Bordeaux pasting of the trunk,• Hand picking of larvae and its destruction,
Kiwi	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Hand collection of the insects and its destruction,• Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Bagging with 5 % perforated polythene bags,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Cut day lighting in the poultry shade,• Place toko leaves above the poultry shade to reduce heat,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Wallowing should be encouraged,• New Born - Provide cushioning material,• Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">• Reduce concentrate feed and increase green leaves,• Vaccination against FMD,• Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">• Ruchamax at recommended dose,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

Rainfall: -

- Seppa – 8.5 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none"> • Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none"> • Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		<ul style="list-style-type: none"> • Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast Yellow stem borer	<ul style="list-style-type: none"> • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none"> • Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	<ul style="list-style-type: none"> • Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none"> • In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none"> • Apply Malathion dust 5D inside the whorl of the plant, • Bagging with 5 % perforated polythene bags, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> • Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> • Wallowing should be encouraged, • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none"> • Reduce concentrate feed and increase green leaves, • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive	<ul style="list-style-type: none"> • Ruchamax at recommended dose,

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

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

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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Maximum temperature: 36.9°C
- Minimum Temperature: 24.0 °C
- Rainfall:
Pasighat –0.8 mm
- Relative humidity (%): 46-92

Weather Forecast

<ul style="list-style-type: none"><u>Rainfall</u> – Partially cloudy/Cloudy weather with light/moderate rains are forecasted. Isolated cases of heavy rains may occur.
<ul style="list-style-type: none"><u>Temperature</u> - The temperature is likely to be in the range of 19-29°C.
<ul style="list-style-type: none"><u>Relative Humidity</u> - The RH is likely to be in the range of 65-97 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none">Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none">Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		<ul style="list-style-type: none">Harvesting of mature fruit,Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Blast Yellow stem borer	<ul style="list-style-type: none">Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">Transplanting may be done in present weather conditions,Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (Mipun)	Nursery Transplant	Blast	<ul style="list-style-type: none">Transplanting may be done in present weather conditions,Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none">In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults,Intercropping with any pulse crop is advised,Bordeaux pasting of the trunk,Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">Apply Malathion dust 5D inside the whorl of the plant,Bagging with 5 % perforated polythene bags,Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">Cut day lighting in the poultry shade,Place toko leaves above the poultry shade to reduce heat,Provide multivitamin,Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">Wallowing should be encouraged,New Born - Provide cushioning material,Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">• Reduce concentrate feed and increase green leaves,• Vaccination against FMD,• Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">• Ruchamax at recommended dose,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		• Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Trunk Borer Citrus butterfly	• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant, • Bagging with 5 % perforated polythene bags, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	• Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	• Wallowing should be encouraged, • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	• Reduce concentrate feed and increase green leaves, • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Ziro –0.0 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none">Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none">Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		<ul style="list-style-type: none">Harvesting of mature fruit,Light interculture operations,
FIELD CROPS			
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">Transplanting may be done in present weather conditions,Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	<ul style="list-style-type: none">Transplanting may be done in present weather conditions,Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none">In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults,Intercropping with any pulse crop is advised,Bordeaux pasting of the trunk,Hand picking of larvae and its destruction,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">Cut day lighting in the poultry shade,Place toko leaves above the poultry shade to reduce heat,Provide multivitamin,Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">Wallowing should be encouraged,New Born - Provide cushioning material,Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">Reduce concentrate feed and increase green leaves,Vaccination against FMD,Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">Ruchamax at recommended dose,
<ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Maximum temperature: 36.8 °C
- Minimum Temperature: 22.6°C
- Relative Humidity (%):62-88
- Rainfall: -
 1. Itanagar – 13.3 mm
 2. Naharlagun – 9.1 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none">• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none">• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		<ul style="list-style-type: none">• Harvesting of mature fruit,• Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast Yellow stem borer	<ul style="list-style-type: none">• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none">• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults,• Intercropping with any pulse crop is advised,• Bordeaux pasting of the trunk,• Hand picking of larvae and its destruction,
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Hand collection of the insects and its destruction,• Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Bagging with 5 % perforated polythene bags,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Cut day lighting in the poultry shade,• Place toko leaves above the poultry shade to reduce heat,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Wallowing should be encouraged,• New Born - Provide cushioning material,• Vaccination against swine fever,

Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">• Reduce concentrate feed and increase green leaves,• Vaccination against FMD,• Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">• Ruchamax at recommended dose,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Rainfall: -
1. Tawang – 10.0 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	• Application of paradichlorobenzene at 2 meter away from the trunk is advised,
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	• Hand collection of the insects and its destruction, • Make proper drainage facility in the crop area,
Potato	Tuber formation		• Light interculture operations,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	• Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	• Wallowing should be encouraged , • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	• Reduce concentrate feed and increase green leaves , • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)			

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ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		• Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Lemon/other citrus fruits	Fruiting Nursery	Trunk Borer Citrus butterfly	• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant, • Bagging with 5 % perforated polythene bags, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	• Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	• Wallowing should be encouraged, • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	• Reduce concentrate feed and increase green leaves, • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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

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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Rainfall: -
 - Tuting – 0.0 mm

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	<ul style="list-style-type: none">• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	<ul style="list-style-type: none">• Transplanting of mature seedlings,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast Yellow stem borer	<ul style="list-style-type: none">• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised,• Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,• Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	<ul style="list-style-type: none">• Transplanting may be done in present weather conditions,• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	<ul style="list-style-type: none">• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults,• Intercropping with any pulse crop is advised,• Bordeaux pasting of the trunk,• Hand picking of larvae and its destruction,
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	<ul style="list-style-type: none">• Hand collection of the insects and its destruction,• Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	<ul style="list-style-type: none">• Apply Malathion dust 5D inside the whorl of the plant,• Bagging with 5 % perforated polythene bags,• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Cut day lighting in the poultry shade,• Place toko leaves above the poultry shade to reduce heat,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none">• Wallowing should be encouraged,• New Born - Provide cushioning material,• Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">• Reduce concentrate feed and increase green leaves,• Vaccination against FMD,• Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">• Ruchamax at recommended dose,

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

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**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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- Rainfall: -
1. Daporijo- 2.6 mm

Weather Forecast

• <u>Rainfall</u> – Partially cloudy/Cloudy weather with light/moderate rains are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 11-18°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 70-95 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	• Transplanting of mature seedlings, •
Ladies Finger	Fruiting/ Harvesting		• Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Blast Yellow stem borer	• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (Mipun)	Nursery Transplant	Blast	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	• Cut day lighting in the poultry shade, • Place toko leaves above the poultry shade to reduce heat, • Provide multivitamin, • Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	• Wallowing should be encouraged, • New Born - Provide cushioning material, • Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	• Reduce concentrate feed and increase green leaves, • Vaccination against FMD, • Regular monitoring,
Goat/Sheep	All stages	Digestive problems	• Ruchamax at recommended dose,
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Ranikhet	<ul style="list-style-type: none">• Cut day lighting in the poultry shade,• Place toko leaves above the poultry shade to reduce heat,• Provide multivitamin,• Proper vaccination with Briben Plus at recommended dose,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none">• Reduce concentrate feed and increase green leaves,• Provide adequate clean drinking water to the birds,• Vaccination against FMD,• Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none">• Ruchamax at recommended dose,

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

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**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: -20/2013-14/Tue

Dated: 18th June, 2013

Weather during the period

- During the period weather was clear, hot and dry but from 16th June afternoon onwards weather was cloudy and rain was recorded.
- Maximum temperature: 34.5°C
- Minimum Temperature: 21.0°C
- Rainfall: **19.2 mm**
- Evapotranspiration: - **2.9 mm**
- Relative Humidity (%):- **27-97%**
- Soil moisture (m²/ m²): -0.22
- Prominent Wind Direction: South West (Morning hours) & South West (Afternoon)
- Average Wind Speed : 1.2 kmph
- Average Sunshine hours : **5.1 hours**

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Fruiting/ Harvesting	Fruit Fly	• Collection and deep burying of infected fruit. Installation of pheromone traps.
Tomato Brinjal	Nursery Transplanting	Damping off	• Transplanting of mature seedlings,
Ladies Finger	Fruiting/ Harvesting		• Harvesting of mature fruit, • Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Blast Yellow stem borer	• Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, • Collection of egg masses (Yellow cottony mass) is advised.
WRC rice- early crop	Transplant	Blast Yellow stem borer	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, • Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses.
WRC rice – Main (<i>Mipun</i>)	Nursery Transplant	Blast	• Transplanting may be done in present weather conditions, • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Potato	Tuber formation		• Proper drainage facility should be insured,
FRUIT CROPS			
Khasi Mandarin	Fruiting Nursery	Trunk Borer Citrus butterfly	• In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, • Intercropping with any pulse crop is advised, • Bordeaux pasting of the trunk, • Hand picking of larvae and its destruction,
<i>Kiwi</i>	Flowering Fruiting	Leaf eating beetle	• Hand collection of the insects and its destruction, • Make proper drainage facility in the crop area,
Banana	All stages	Scary beetles	• Apply Malathion dust 5D inside the whorl of the plant, • Bagging with 5 % perforated polythene bags, • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed

Poultry	All stages	Ranikhet	<ul style="list-style-type: none"> Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose,
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever,
Cattle	All stages	FMD BQ&HS Ecto-parasite Digestive problems	<ul style="list-style-type: none"> Reduce concentrate feed and increase green leaves, Vaccination against FMD, Regular monitoring,
Goat/Sheep	All stages	Digestive problems	<ul style="list-style-type: none"> Ruchamax at recommended dose,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37 			

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