



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Changlang –6.0 mm
 - Miao– NA

Weather Forecast

• <u>Rainfall</u> – Cloudy weather for 2/3 days are forecasted. Moderate/heavy rains are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 16-30°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 56-94 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is also advised,• Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations,
FIELD CROPS			
Maize	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
FRUIT CROPS			
Lemon/other citrus fruits	Planting Fruiting		<ul style="list-style-type: none">• Bordeaux pasting in trunk upto 1 meter plant height• Planting of new sapling may be done,• Apply any contact insecticide at recommended dose to ward off sucking insect pests,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate
• 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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Roing – NA
 - Anini - 4.0 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy/partly cloudy weather with light/moderate rains in few places are forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 11-29 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 49-91%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is also advised,• Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">• To manage, collection of egg masses (Yellow cottony mass) is advised.• Make structures to avoid runoff in the slope,• Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	New Planting/ Fruiting		<ul style="list-style-type: none">• Bordeaux pasting in trunk upto 1 meter plant height• Planting of new sapling may be done,• Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">• Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Kiwi	Flowering Fruiting		<ul style="list-style-type: none">• <u>Fertilizer application</u>• Basin cleaning
Banana	Planting		<ul style="list-style-type: none">• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate

- **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



(East Kameng)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

Rainfall: -

- Seppa – 2.0 mm

Weather Forecast

- **Rainfall** –Cloudy weather is forecasted for next 2/3 days. Light/moderate rain may occur in few places.
- **Temperature** - The temperature is likely to be in the range of 18-31°C.
- **Relative Humidity** - The RH is likely to be in the range of 55-96%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is also advised,• Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">• To manage, collection of egg masses (Yellow cottony mass) is advised.• Make structures to avoid runoff in the slope,• Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	New Planting/ Fruiting		<ul style="list-style-type: none">• Bordeaux pasting in trunk upto 1 meter plant height• Planting of new sapling may be done,• Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">• Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Spraying of mineral oils is advised,• Application of paradichlorobenzene at 2 meter from the trunk perimeter is advised,• Avoid water stagnation in the basin
Kiwi	Flowering Fruiting		<ul style="list-style-type: none">• <u>Fertilizer application</u>• Basin cleaning
Banana	Planting		<ul style="list-style-type: none">• Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure,

Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate
<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



(East Siang)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Maximum temperature: 33.2°C
- Minimum Temperature: 20.6°C
- Rainfall:
Pasighat – 0.6mm
- Relative humidity (%): 54-74

Weather Forecast

<ul style="list-style-type: none"><u>Rainfall</u> – Cloudy/partly cloudy weather are forecasted for next three/four days. Light rains may occur at few places.
<ul style="list-style-type: none"><u>Temperature</u> - The temperature is likely to be in the range of 16-30 °C.
<ul style="list-style-type: none"><u>Relative Humidity</u> - The RH is likely to be in the range of 55-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	Planting Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Banana	Planting		<ul style="list-style-type: none">Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">This is the right time for vaccination of healthy animals against the diseasesRegular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">Vaccinate

- **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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

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

Weather Forecast

- Rainfall –Cloudy weather is forecasted for next three/four days. Moderate to heavy rain is forecasted.
- Temperature - The temperature is likely to be in the range of 14-28 °C.
- Relative Humidity - The RH is likely to be in the range of 61-94 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is also advised,• Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations,
FIELD CROPS			
Maize	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
FRUIT CROPS			
Lemon/other citrus fruits	Planting Fruiting		<ul style="list-style-type: none">• Bordeaux pasting in trunk upto 1 meter plant height• Planting of new sapling may be done,• Apply any contact insecticide at recommended dose to ward off sucking insect pests,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate
<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



(Lower Subansiri)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Ziro –0.0 mm

Weather Forecast

- Rainfall – Partly cloudy weather is forecasted for next three/four days. Light rain may occur at few places.
- Temperature - The temperature is likely to be in the range of 14-29°C.
- Relative Humidity - The RH is likely to be in the range of 62-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	Planting Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">Spraying of mineral oils is advised,Application of paradichlorobenzene at 2 meter from the trunk perimeter is advised,Avoid water stagnation in the basin
Kiwi	Flowering Fruiting		<ul style="list-style-type: none"><u>Fertilizer application</u>Basin cleaning
Banana	Planting		<ul style="list-style-type: none">Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">This is the right time for vaccination of healthy animals against the diseasesRegular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">Vaccinate
• 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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Maximum temperature: 33.0°C
- Minimum Temperature: 19.3°C
- Relative Humidity (%):64-95
- Rainfall: -
 - Itanagar – 0.0 mm
 - Naharlagun – 11.6 mm

Weather Forecast

• Rainfall – Cloudy weather is forecasted for next three/four days. Moderate/heavy rain is forecasted.
• Temperature - The temperature is likely to be in the range of 18-34 °C.
• Relative Humidity - The RH is likely to be in the range of 45-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	Planting Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Kiwi	Flowering Fruiting		<ul style="list-style-type: none">Fertilizer applicationBasin cleaning
Banana	Planting		<ul style="list-style-type: none">Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">This is the right time for vaccination of healthy animals against the diseasesRegular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">Vaccinate

- **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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
1. Tawang – 8.0 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy weather is forecasted for next 3/4 days. Light/moderate rain is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 6-17 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 63-88 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Spraying of mineral oils is advised,• Application of paradichlorobenzene at 2 meter from the trunk perimeter is advised,• Avoid water stagnation in the basin
Kiwi	Flowering Fruiting		<ul style="list-style-type: none">• <u>Fertilizer application</u>• Basin cleaning
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate
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, 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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - Deomali – 7.0 mm

Weather Forecast

• <u>Rainfall</u> – Partial cloudy weather with light rain is forecasted.
• <u>Temperature</u> - The temperature is likely to be in the range of 17-32°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 49-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is also advised,• Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">• Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,• Light interculture operations,
FIELD CROPS			
Maize	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">• Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating catterpillar	<ul style="list-style-type: none">• Hand collection and spraying of any contact insecticide at recommended dose is advised,• Avoid water stagnation in the crop field,
FRUIT CROPS			
Lemon/other citrus fruits	Planting Fruiting		<ul style="list-style-type: none">• Bordeaux pasting in trunk upto 1 meter plant height• Planting of new sapling may be done,• Apply any contact insecticide at recommended dose to ward off sucking insect pests,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate
• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37			

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Tuting – 4.2 mm

Weather Forecast

- Rainfall – Cloudy weather is forecasted. Light rain may occur at few places.
- Temperature - The temperature is likely to be in the range of 12-25°C.
- Relative Humidity - The RH is likely to be in the range of 56-91 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	Planting Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Banana	Planting		<ul style="list-style-type: none">Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">This is the right time for vaccination of healthy animals against the diseasesRegular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">Vaccinate
<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
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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

- Rainfall – Cloudy weather with light/moderate rain is forecasted for next three/four days.
- Temperature - The temperature is likely to be in the range of 14-26°C.
- Relative Humidity - The RH is likely to be in the range of 65-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations,
FIELD CROPS			
Jhum Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	Planting Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Banana	Planting		<ul style="list-style-type: none">Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">This is the right time for vaccination of healthy animals against the diseasesRegular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">Vaccinate
<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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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101

(West Kameng)



No: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- Rainfall: - Bomdila – 2.0 mm
Bhalokpong –0.8 mm

Weather Forecast

• <u>Rainfall</u> – Cloudy weather with moderate to heavy rains is forecasted for next three/four days.
• <u>Temperature</u> - The temperature is likely to be in the range of 13-24°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 60-92 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">• Spraying of mineral oils is advised,• Application of paradichlorobenzene at 2 meter from the trunk perimeter is advised,• Avoid water stagnation in the basin
Kiwi	Flowering Fruiting		<ul style="list-style-type: none">• <u>Fertilizer application</u>• Basin cleaning
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none">• Deworming with Albendazole @ 5ml per kg body weight,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none">• This is the right time for vaccination of healthy animals against the diseases• Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none">• Vaccinate

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: -6/2013-14/Tue

Dated: 30th April, 2013

Weather during the period

- During the period from 13th -16th April, weather was clear/partly cloudy and light rain was recorded on 28th April, 2013.
- Maximum temperature: 27.0°C
- Minimum Temperature:18.0 °C
- Rainfall: **8.8 mm**
- Evapotranspiration: - Not Available
- Relative Humidity (%):- 72-97%
- Soil moisture (m²/ m²):-0.3
- Prominent Wind Direction: South East
- Average Wind Speed : 0.2 kmph
- Average Sunshine hours : Not Available

(Source-Agromet Observatory, Research Farm, Gori, ICAR, AP Centre, Basar)

Weather Forecast

• Rainfall –Partly cloudy/cloudy weather for next two/three days with rains in few places are forecasted.
• Temperature - The temperature is likely to be in the range of 15-28 °C.
• Relative Humidity - The RH is likely to be in the range of 69-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
Cucurbits	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is also advised,Provide proper support for healthy trailing.
French Bean	Vegetative/ Flowering	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations is required,
Ladies Finger	Vegetative	Aphid	<ul style="list-style-type: none">Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised,Light interculture operations,
FIELD CROPS			
<i>Jhum</i> Rice	Vegetative	Yellow stem borer	<ul style="list-style-type: none">To manage, collection of egg masses (Yellow cottony mass) is advised.Make structures to avoid runoff in the slope,Install yellow stem borer pheromone traps to trap the adults,
Maize	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Soybean	Vegetative		<ul style="list-style-type: none">Avoid water stagnation in the crop field,
Black gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
Green gram	Seedling/ Vegetative	Leaf eating caterpillar	<ul style="list-style-type: none">Hand collection and spraying of any contact insecticide at recommended dose is advised,Avoid water stagnation in the crop field,
FRUIT CROPS			
Khasi Mandarin	New Planting/ Fruiting		<ul style="list-style-type: none">Bordeaux pasting in trunk upto 1 meter plant heightPlanting of new sapling may be done,Apply any contact insecticide at recommended dose to ward off sucking insect pests,
Pineapple /Strawberry	Planting		<ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting,
Apple	Fruiting	Wooly Aphid	<ul style="list-style-type: none">Spraying of mineral oils is advised,

			<ul style="list-style-type: none"> • Application of paradiclorobenzene at 2 meter from the trunk perimeter is advised, • Avoid water stagnation in the basin
Kiwi	Flowering Fruiting		<ul style="list-style-type: none"> • <u>Fertilizer application</u> • Basin cleaning
Banana	Planting		<ul style="list-style-type: none"> • Planting of new saplings may be done in present weather,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Worm	<ul style="list-style-type: none"> • Deworming with Albendazole @ 5ml per kg body weight,
Pigs	New born	Cold	<ul style="list-style-type: none"> • Warming of pig sheds using gunny bags, straw, enclosure,
Cattle	All stages	FMD BQ&HS	<ul style="list-style-type: none"> • This is the right time for vaccination of healthy animals against the diseases • Regular monitoring,
Goat/Sheep	All stages	FMD	<ul style="list-style-type: none"> • Vaccinate
<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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