



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|--------------------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| Tomato | Fruiting/ Maturity/ Harvesting | Brinjal Fruit and Shoot borer | <ul style="list-style-type: none">• Interculture operations,• Manual collection/burying of the infected fruit/damaged shoots. If insect damage is high, spraying of any systemic insecticide under supervision of VLW/line department agriculture persons on a clear day is advised. |
| Brinjal | | | |
| FIELD CROPS | | | |
| WRC rice – Main crop | Vegetative/ Tillering | Stem borer | <ul style="list-style-type: none">• Before transplanting, cut the top portion of the transplants to ward of the stem borer, |
| | | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places, |
| FRUIT CROPS | | | |
| Lemon | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• Vaccinate new birds as per schedule,• In present weather conditions mix anticoccideosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose,• In present weather conditions, avoid caking of the excreta, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|----------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places,• Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">• Manual removal of egg masses,• Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">• Removal of side suckers,• Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">• Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• In present weather conditions mix anticoccidiosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 | | | |

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Agro Meteorological 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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

Rainfall: -

- Seppa – NA

Weather Forecast

- **Rainfall** –Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
- **Temperature** - The temperature is likely to be in the range of 9-19°C.
- **Relative Humidity** - The RH is likely to be in the range of 63-97 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|----------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places,• Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">• Manual removal of egg masses,• Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">• Removal of side suckers,• Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">• Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• In present weather conditions mix anticoccidiosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|----------------------------|--|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">In present weather conditions, severe fruit fly damage is reported,Collection/deep burying (Atleast 4 feet deep) of infected fruit,If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">Collect and destroy stray bugs found in isolated places,Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">Manual removal of egg masses,Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,Weeding around basin,Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">Removal of side suckers,Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">In present weather conditions mix anticoccidiosis in the feed of the birds,Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">New Born - Provide cushioning material like hay/straw etc and also provide heating support,Provide calcium in the feed of nursing mother,Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">Provide abundant green fodder and mineral mixture for good milk production,Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">Disease monitoring, |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 | | | |



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Tezu – NA
 - Namsai – NA

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|--------------------------------------|--|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| Tomato | Fruiting/ Maturity/ Harvesting | Brinjal Fruit and Shoot borer | <ul style="list-style-type: none">• Interculture operations,• Manual collection/burying of the infected fruit/damaged shoots. If insect damage is high, spraying of any systemic insecticide under supervision of VLW/line department agriculture persons on a clear day is advised. |
| Brinjal | | | |
| FIELD CROPS | | | |
| WRC rice – Main crop | Vegetative/ Tillering | Stem borer | <ul style="list-style-type: none">• Before transplanting, cut the top portion of the transplants to ward of the stem borer, |
| | | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places, |
| FRUIT CROPS | | | |
| Lemon | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• Vaccinate new birds as per schedule,• In present weather conditions mix anticoccideosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose,• In present weather conditions, avoid caking of the excreta, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any quaries/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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Ziro – NA

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|----------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">In present weather conditions, severe fruit fly damage is reported,Collection/deep burying (Atleast 4 feet deep) of infected fruit,If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| Ladies Finger | Harvesting | | <ul style="list-style-type: none">Ensure proper drainage,Harvesting of mature fruit,Light interculture operations, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">Manual removal of egg masses,Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,Weeding around basin,Avoid water stagnation near the tree trunk, |
| Guava | Fruiting | | <ul style="list-style-type: none">Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">Vaccinate new birds as per schedule,In present weather conditions mix anticoccidiosis in the feed of the birds,Proper vaccination with Briben Plus at recommended dose,In present weather conditions, avoid caking of the excreta, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">New Born - Provide cushioning material like hay/straw etc and also provide heating support,Provide calcium in the feed of nursing mother,Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">Provide abundant green fodder and mineral mixture for good milk production,Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">Disease monitoring, |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/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: -33/2013-14/Tue

Dated: 6th August, 2013


Weather during the period

- Maximum temperature: NA
- Minimum Temperature: NA
- Relative Humidity (%):NA
- Rainfall: -
 - Itanagar – NA
 - Naharlagun – NA

Weather Forecast

- Rainfall – Cloudy/partially cloudy weather with moderate/heavy rains are forecasted.
- Temperature - The temperature is likely to be in the range of 23-30°C.
- Relative Humidity - 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 | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">In present weather conditions, severe fruit fly damage is reported,Collection/deep burying (Atleast 4 feet deep) of infected fruit,If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">Collect and destroy stray bugs found in isolated places,Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">Manual removal of egg masses,Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,Weeding around basin,Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">Removal of side suckers,Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">In present weather conditions mix anticoccidiosis in the feed of the birds,Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">New Born - Provide cushioning material like hay/straw etc and also provide heating support,Provide calcium in the feed of nursing mother,Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">Provide abundant green fodder and mineral mixture for good milk production,Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">Disease monitoring, |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 | | | |

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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Tawang – NA

Weather Forecast

| |
|---|
| • Rainfall – Cloudy/partially cloudy weather with moderate rains are forecasted. |
| • Temperature - The temperature is likely to be in the range of 10-17 °C. |
| • Relative Humidity - The RH is likely to be in the range of 77-94 %. |

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|-----------------------------------|---------------------------------|---|
| FRUITS | | | |
| Apple | Maturity/ Fruit Development | Fruit Fly Trunk Borer | <ul style="list-style-type: none">In present weather conditions, severe fruit fly damage is reported,Collection/deep burying (Atleast 4 feet deep) of infected fruit,If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,Installation of light traps to capture adults.Urgent/immediate treatment of affected parts of trees, |
| VEGETABLE CROPS | | | |
| Potato | Harvesting /Storage | | <ul style="list-style-type: none">While harvesting take care should be taken that no bruises occur in the tuber,After digging, heap the potato for hardening of the skin,After hardening, sorting of grading should be done, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">Vaccinate new birds as per schedule,In present weather conditions mix anticoccidiosis in the feed of the birds,Proper vaccination with Briben Plus at recommended dose,In present weather conditions, avoid caking of the excreta, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">Provide abundant green fodder and mineral mixture for good milk production,Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">Deworming and vaccination. |
| 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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - Deomali – NA

Weather Forecast

- Rainfall – Cloudy/partially cloudy weather with light rains are forecasted. Moderate/heavy rains may occur at few places.
- Temperature - The temperature is likely to be in the range of 19-31°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 | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| Tomato | Fruiting/ Maturity/ Harvesting | Brinjal Fruit and Shoot borer | <ul style="list-style-type: none">• Interculture operations,• Manual collection/burying of the infected fruit/damaged shoots. If insect damage is high, spraying of any systemic insecticide under supervision of VLW/line department agriculture persons on a clear day is advised. |
| Brinjal | | | |
| FIELD CROPS | | | |
| WRC rice – Main crop | Vegetative/ Tillering | Stem borer | <ul style="list-style-type: none">• Before transplanting, cut the top portion of the transplants to ward of the stem borer, |
| | | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places, |
| FRUIT CROPS | | | |
| Lemon | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• Vaccinate new birds as per schedule,• In present weather conditions mix anticoccideosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose,• In present weather conditions, avoid caking of the excreta, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Tuting – NA

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|----------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places,• Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">• Manual removal of egg masses,• Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">• Removal of side suckers,• Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">• Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• In present weather conditions mix anticoccidiosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 | | | |

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|----------------------------|---|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">In present weather conditions, severe fruit fly damage is reported,Collection/deep burying (Atleast 4 feet deep) of infected fruit,If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">Collect and destroy stray bugs found in isolated places,Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">Manual removal of egg masses,Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,Weeding around basin,Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">Removal of side suckers,Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">In present weather conditions mix anticoccidiosis in the feed of the birds,Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">New Born - Provide cushioning material like hay/straw etc and also provide heating support,Provide calcium in the feed of nursing mother,Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">Provide abundant green fodder and mineral mixture for good milk production,Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">Disease monitoring, |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/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: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period

- Rainfall: - Bomdila – NA
Bhalokpung – NA

Weather Forecast

- Rainfall – Cloudy weather with moderate to heavy rains are forecasted.

- Temperature - The temperature is likely to be in the range of 11-18°C.

- Relative Humidity - The RH is likely to be in the range of 73-97 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-----------------|-----------------------------------|---------------------------------|---|
| FRUITS | | | |
| Apple | Maturity/ Fruit Development | Fruit Fly Trunk Borer | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised,• Installation of light traps to capture adults.• Urgent/immediate treatment of affected parts of trees, |
| VEGETABLE CROPS | | | |
| Potato | Harvesting /Storage | | <ul style="list-style-type: none">• While harvesting take care should be taken that no bruises occur in the tuber,• After digging, heap the potato for hardening of the skin,• After hardening, sorting of grading should be done, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• Vaccinate new birds as per schedule,• In present weather conditions mix anticoccidiosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose,• In present weather conditions, avoid caking of the excreta, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |

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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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Siang)

No: -33/2013-14/Tue

Dated: 6th August, 2013

Weather during the period


- During the period weather was clear, dry and hot on 2nd and 3rd but from 4th onwards rains were recorded.
- Maximum temperature: 35.5 °C
- Minimum Temperature: 23.0 °C
- Rainfall: 45.4 mm
- Evapotranspiration: - NA
- Relative Humidity (%):- 69-98 %
- Soil moisture (m²/ m²): -0.29
- Prominent Wind Direction: South West (Morning hours) & South West (Afternoon)
- Average Wind Speed : 0.8 kmph
- Average Sunshine hours : 4.9 hours

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

Weather Forecast

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

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------------------------------|----------------------------|--|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Mature/ Harvest | Fruit fly  | <ul style="list-style-type: none">• In present weather conditions, severe fruit fly damage is reported,• Collection/deep burying (Atleast 4 feet deep) of infected fruit,• If extreme damage is noticed, spraying of Malathion @ 3ml per litre of water is advised, |
| FIELD CROPS | | | |
| Jhum Rice | Milking stage /Maturity | Gundhi bug | <ul style="list-style-type: none">• In present weather conditions, severe attack of Gundhi bug is reported. On a clear day, dusting of 5% Malathion or Carbaryl @ 25 kilogram per hectare is advised. |
| WRC rice- early crop | Tillering/ Flowering | Gundhi bug | <ul style="list-style-type: none">• Collect and destroy stray bugs found in isolated places,• Maintain adequate water level in the crop field, |
| WRC rice – Main crop (Mipun) | Vegetative | Stem borer | <ul style="list-style-type: none">• Manual removal of egg masses,• Proper drainage facility should be done in the crop field, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Fruiting | Trunk borer, Ants Lichen/ mosses | <ul style="list-style-type: none">• In present weather conditions, large scale damage to citrus crops by trunk borer has been reported. Cleaning of entry hole and treatment with Dichlorvos dipped cotton swabs is advised,• Weeding around basin,• Avoid water stagnation near the tree trunk, |
| Banana | All stages | | <ul style="list-style-type: none">• Removal of side suckers,• Planting of new saplings may be done in present weather, |
| Guava | Fruiting | | <ul style="list-style-type: none">• Racking of area under the basin may be done |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | | <ul style="list-style-type: none">• In present weather conditions mix anticoccidiosis in the feed of the birds,• Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | <ul style="list-style-type: none">• New Born - Provide cushioning material like hay/straw etc and also provide heating support,• Provide calcium in the feed of nursing mother,• Vaccination against swine fever, |

| | | | |
|--|------------|-------------------------------|--|
| Cattle | All stages | FMD BQ&HS Ecto-parasite | <ul style="list-style-type: none">• Provide abundant green fodder and mineral mixture for good milk production,• Deworming with Briben Plus is advised, |
| Goat/Sheep | All stages | | <ul style="list-style-type: none">• Deworming and vaccination. |
| Fish | All stages | | <ul style="list-style-type: none">• Disease monitoring, |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 | | | |

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