

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

(<u>Changlang</u>)



<u>No: -5/2013-14/Tue</u>

Weather during the period

Dated: 23rd April, 2013

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

Weather Forecast

- <u>Rainfall</u> Clear/partly cloudy weather for 2/3 days are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 18-31 °C.

• <u>Relative Humidity</u> - 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 | Seedling/ Vegetative | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | • Avoid water stagnation around the pit of the plant, |
| | | | • Light interculture operations is also advised, |
| | | | Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | Avoid water stagnation in the crop field, |
| | | | Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | • Avoid water stagnation in the crop field, |
| | | | Light interculture operations, |
| | | 1 | FIELD CROPS |
| Maize | Vegetative | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | Monitor the crop against attack of insect pests, |
| · | | | FRUIT CROPS |
| Lemon/other | Planting | | • Bordeaux pasting in trunk upto 1 meter plant height |
| citrus fruits | Fruiting | | 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 | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | • This is the right time for vaccination of healthy animals |
| | _ | BQ&HS | against the diseases |
| | | | Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |
| | entists (ICAR 95226247/37 | | Staff or KVK staff for measures against adverse conditions or |

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - <u>IAAS.BASAR@gmail.com</u>, Phone

Number: - 03795-226247/37, -96 (Fax)



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

(Dibang Valley)



<u>No: -5/2013-14/Tue</u>

Weather during the period

Dated: 23rd April, 2013

- <u>Rainfall</u>: -
 - Roing NA
 - Anini 7.0 mm

Weather Forecast

- <u>Rainfall</u> Partly cloudy weather with light rains in few places are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 11-27 °C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 58-91%.

Weather Based Agro-meteorological Advisories Bulletin

| Сгор | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------------------------|--|----------------------|--|
| | | 1 | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. |
| French Bean Ladies Finger | Vegetative/ Flowering Vegetative | Aphid Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is |
| U | | | advised, Avoid water stagnation in the crop field, Light interculture operations, FIELD CROPS |
| Jhum Rice | Germination /Four leaf stage | Yellow stem borer | 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 | | • Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | • Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | • Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | • Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Planting Fruiting | | 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 | | • Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Apple | Fruiting | Wooly Aphid | Spraying of mineral oils is advised, Application of paradiclorobenzene at 2 meter from the trunk perimeter is advised, Avoid water stagnation in the basin |
| Kiwi | Flowering Fruiting | | <u>Fertilizer application</u> Basin cleaning |
| Banana | Planting | | Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | • This is the right time for vaccination of healthy animals |

| | | BQ&HS | | against the diseases | |
|---------------|--|-------|---|----------------------|--|
| | | | • | Regular monitoring, | |
| Goat/Sheep | All stages | FMD | • | Vaccinate | |
| • Contact Sci | • Contact Scientists (ICAD) or State Agril Staff or WWK staff for measures against adverse conditions or | | | | |

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



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



(East Kameng)

<u>No: -5/2013-14/Tue</u>

Dated: 23rd April, 2013

Rainfall: -

• Seppa – 17.6 mm

Weather Forecast

Weather during the period

• <u>Rainfall</u>-Partly cloudy weather is forecasted for next 2/3 days. Light rain may occur in few places.

• <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 75-93%.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---------------|---------------------------|----------------------|---|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | 0 | | • Avoid water stagnation around the pit of the plant, |
| | | | • Light interculture operations is also advised, |
| | | | • Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | • Avoid water stagnation in the crop field, |
| | | | Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | Avoid water stagnation in the crop field, |
| | | | Light interculture operations, |
| | | T | FIELD CROPS |
| Jhum Rice | Germination /Four leaf | Yellow stem borer | • To manage collection of egg masses (Yellow cottony mass) is advised. |
| | stage | | Make structures to avoid runoff in the slope |
| | | | Install yellow stem borer pheromone traps to trap the adults, |
| Black gram | Vegetative | | Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | • Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi | Planting | | Bordeaux pasting in trunk upto 1 meter plant height |
| Mandarin | Fruiting | | • Planting of new sapling may be done, |
| | | | • Apply any contact insecticide at recommended dose to ward off sucking insect pests, |
| Banana | Planting | | • Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | • This is the right time for vaccination of healthy animals against the diseases |
| Goat/Sheep | All stages | FMD | Regular monitoring, Vaccinate |
| <i>,</i> , | All stages | | • Vaccinate Staff or KVK staff for measures against adverse conditions or |

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

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

(East Siang)

<u>No: -5/2013-14/Tue</u>

Weather during the period

- Maximum temperature: 28.1°C
- Minimum Temperature: 18.1°C
- <u>Rainfall</u>:
 - <u>Pasighat –</u> 21.1mm
- <u>Relative humidity (%)</u>:67-93

Weather Forecast

- <u>Rainfall</u> Cloudy/partly cloudy weather are forecasted for next three/four days. Light rains may occur at few places.
- <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 63-92 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--------------------------|------------------------------------|----------------------|--|
| | | | EGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, |
| French Bean | Vegetative/ Flowering | Aphid | Provide proper support for healthy trailing. Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice | Germination /Four leaf stage | Yellow stem borer | 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 | Vegetative | | Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Planting Fruiting | | 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 | | Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Banana | Planting | | Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |





Dated: 23rd April, 2013

• Contact Scientists (ICAR) or State Agril Staff or KVK staff for 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

(Lohit)



Weather during the period

<u>No: -5/2013-14/Tue</u>

Dated: 23rd April, 2013

- <u>Rainfall</u>: -•
 - Tezu -16.0 mm
 - Namsai –NA

Weather Forecast

- <u>Rainfall</u> –Clear/partly cloudy weather is forecasted for next three/four days. •
- <u>Temperature</u> The temperature is likely to be in the range of 17-30 °C. •
- <u>Relative Humidity</u> The RH is likely to be in the range of 66-83 %. •

Weather Based Agro-meteorological Advisories Bulletin

| Сгор | Stage | Pest/Disease | Precautionary Practices to be followed |
|---------------|--------------------------|--------------|--|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid visitor stagnetion around the nit of the plant. |
| | | | Avoid water stagnation around the pit of the plant, Light interpulture operations is also advised |
| | | | Light interculture operations is also advised, Drovide proper support for healthy trailing |
| French Bean | Vegetative/ Flowering | Aphid | Provide proper support for healthy trailing. Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, |
| | | | Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | • Avoid water stagnation in the crop field, |
| | | | Light interculture operations, |
| | | 1 | FIELD CROPS |
| Maize | Vegetative | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | Monitor the crop against attack of insect pests, |
| I | | 1 | FRUIT CROPS |
| Lemon/other | Planting | | Bordeaux pasting in trunk upto 1 meter plant height |
| citrus fruits | Fruiting | | 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 | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |

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

<u>West Siang, Basar – 791 101</u>



<u>No: -5/2013-14/Tue</u>

Dated: 23rd April, 2013

Weather during the period

• <u>Rainfall</u>: -

1. Ziro –1.8 mm

Weather Forecast

- <u>Rainfall</u> Partly cloudy weather 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 76-94 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------|---------------------------|----------------------|---|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | • Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | Avoid water stagnation around the pit of the plant, |
| | | | • Light interculture operations is also advised, |
| | | | Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, |
| | | | Avoid water stagnation in the crop field, |
| | | | Light interculture operations is required, |
| | a | | FIELD CROPS |
| Jhum Rice | Germination /Four leaf | Yellow stem borer | • To manage collection of egg masses (Yellow cottony mass) is advised. |
| | stage | | Make structures to avoid runoff in the slope |
| | ** | | Install yellow stem borer pheromone traps to trap the adults |
| Maize | Vegetative | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | Avoid water stagnation in the crop field, |
| | | - | FRUIT CROPS |
| Khasi | Planting | | Bordeaux pasting in trunk upto 1 meter plant height |
| Mandarin | Fruiting | | Planting of new sapling may be done, |
| | | | Apply any contact insecticide at recommended dose to ward off sucking insect pests, |
| Apple | Fruiting | Wooly Aphid | Spraying of mineral oils is advised, |
| | | | Application of paradiclorobenzene at 2 meter from the trunk perimeter is advised, |
| | | | Avoid water stagnation in the basin |
| Kiwi | Flowering | | <u>Fertilizer application</u> |
| | Fruiting | | Basin cleaning |
| Banana | Planting | | Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | • This is the right time for vaccination of healthy animals |
| | 0 | BQ&HS | against the diseases |
| | | - | Regular monitoring, |
| Goat/Sheep | All stages | FMD | 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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar – 791 101</u>

(<u>Papum Pare</u>)



No: 5/2013-14/Tue

Weather during the period

Dated: 23rd April, 2013

- Maximum temperature: 30.5°C
- Minimum Temperature: 18.3°C
- Relative Humidity (%):68-98
- <u>Rainfall</u>: -
 - 1. Itanagar 0.0 mm
 - 2. Naharlagun 26.3 mm

Weather Forecast

- <u>Rainfall</u> Cloudy weather is forecasted for next three/four days. Light rain may occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 19-31°C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 73-87%.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------|------------------------------------|----------------------|--|
| • | U | • | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations, FIELD CROPS |
| Jhum Rice | Germination /Four leaf stage | Yellow stem borer | 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 | | • Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | • Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | • Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Planting Fruiting | | 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, |
| Kiwi | Flowering Fruiting | | <u>Fertilizer application</u> Basin cleaning |
| Banana | Planting | | • Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vegular montoring, 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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



(Tawang)

<u>No: -5/2013-14/Tue</u>

Weather during the period

Dated: 23rd April, 2013

• <u>Rainfall</u>: -1. Tawang – 13.0 mm

Weather Forecast

- <u>Rainfall</u>-Clear/Partly cloudy weather is forecasted for next 3/4 days. Light rain would occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 4-16 °C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 80-98 %.

Weather Based Agro-meteorological Advisories Bulletin

| D | | Precautionary Practices to be followed |
|------------|---|---|
| Fruiting | Wooly Aphid | • Spraying of mineral oils is advised, |
| | | • Application of paradiclorobenzene at 2 meter from the trunk |
| | | perimeter is advised, |
| | | Avoid water stagnation in the basin |
| Flowering | | <u>Fertilizer application</u> |
| Fruiting | | Basin cleaning |
| | | LIVESTOCKS |
| Stage | Disease | Precautionary Practices to be followed |
| All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| All stages | FMD | • This is the right time for vaccination of healthy animals against |
| | BQ&HS | the diseases |
| | | Regular monitoring, |
| All stages | FMD | Vaccinate |
| | Fruiting Stage All stages All stages All stages | FruitingStageDiseaseAll stagesWormAll stagesFMDBQ&HSBQ |

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

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

(Tirap)



No: -5/2013-14/Tue

Dated: 23rd April, 2013

Weather during the period

- Rainfall: -
 - <u>Khonsa</u>–NA
 - Deomali 5.2 mm

Weather Forecast

- <u>Rainfall</u> Clear /partial cloudy weather is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 17-26°C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 65-84 %. •

Weather Based Agro-meteorological Advisories Bulletin

| Сгор | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------------------------|--------------------------|--------------|--|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations, |
| | | | FIELD CROPS |
| Maize | Vegetative | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | Monitor the crop against attack of insect pests, |
| | | | FRUIT CROPS |
| Lemon/other citrus fruits | Planting Fruiting | | 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 | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |

call at 03795226247/37

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



(Upper Siang)

<u>No: -5/2013-14/Tue</u>

Weather during the period

Dated: 23rd April, 2013

• <u>Rainfall</u>: -

• Tuting – 11.2 mm

Weather Forecast

- <u>Rainfall</u> Partially cloudy weather is forecasted. Light rain may occur at few places.
- <u>Temperature</u> The temperature is likely to be in the range of 12-24 °C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 74-89 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------------------------|--|----------------------|--|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, |
| Eronch Doon | Vagatativa | Aphid | Provide proper support for healthy trailing. |
| French Bean Ladies Finger | Vegetative/ Flowering Vegetative | Aphid Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice | Germination /Four leaf stage | Yellow stem borer | 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 | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Planting Fruiting | | 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 | | Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Banana | Planting | | • Planting of new saplings may be done in present weather, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |
| | ientists (ICAR 95226247/37 | | Staff or KVK staff for measures against adverse conditions or |

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



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

<u>West Siang, Basar – 791 101</u>



(<u>Upper Subansiri</u>)

<u>No: -5/2013-14/Tue</u>

Dated: 23rd April, 2013

Weather during the period

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

Weather Forecast

- <u>Rainfall</u> Cloudy weather with light/moderate rain is forecasted for next three/four days.
- <u>Temperature</u> The temperature is likely to be in the range of 15-27°C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 72-91 %.

Weather Based Agro-meteorological Advisories Bulletin

| / Aphid re Aphid re/ Aphid ng Aphid we Aphid | VEGETABLE CROPS Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is |
|--|---|
| re/ Aphid | advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| ng | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| | advised,Avoid water stagnation in the crop field,Light interculture operations, |
| | FIELD CROPS |
| ion Yellow ster af borer | 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, |
| ve | Avoid water stagnation in the crop field, |
| re | Avoid water stagnation in the crop field, |
| re 🛛 | Avoid water stagnation in the crop field, |
| ve 🛛 | Avoid water stagnation in the crop field, |
| I | FRUIT CROPS |
| 5 | 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, |
| 5 | Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| 5 | Planting of new saplings may be done in present weather, LIVESTOCKS |
| Disease | Precautionary Practices to be followed |
| es Worm | Deworming with Albendazole @ 5ml per kg body weight, |
| n Cold | Warming of pig sheds using gunny bags, straw, enclosure, |
| es FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| es FMD | Vaccinate |
| or ge | ges Worm orn Cold ges FMD BQ&HS |

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

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

(West Kameng)



<u>No: -5/2013-14/Tue</u>

Weather during the period

Dated: 23rd April, 2013

 <u>Rainfall</u>: - Bomdila – 11.0 mm Bhalokpung –NA

Weather Forecast

• <u>Rainfall</u>-Cloudy/partly cloudy weather with light rains is forecasted for next three/four days.

• <u>Temperature</u> - The temperature is likely to be in the range of 10-23°C.

• <u>Relative Humidity</u> - The RH is likely to be in the range of 78-95 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed | | |
|-------------|---------------|-------------------|---|--|--|
| Apple | Fruiting | Wooly Aphid | Spraying of mineral oils is advised, | | |
| | | | • Application of paradiclorobenzene at 2 meter from the trunk | | |
| | | | perimeter is advised, | | |
| | | | Avoid water stagnation in the basin | | |
| Kiwi | Flowering | | <u>Fertilizer application</u> | | |
| | Fruiting | | Basin cleaning | | |
| LIVESTOCKS | | | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed | | |
| Poultry | All stages | Worm | • Deworming with Albendazole @ 5ml per kg body weight, | | |
| Cattle | All stages | FMD | • This is the right time for vaccination of healthy animals against | | |
| | | BQ&HS | the diseases | | |
| | | | Regular monitoring, | | |
| Goat/Sheep | All stages | FMD | Vaccinate | | |
| | | | | | |
| Contact Sci | onticte (ICAI | P) or Stato Agril | Staff or KVK staff for measures against adverse conditions or | | |

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

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

<u>West Siang, Basar – 791 101</u>



(West Siang)

<u>No: -5/2013-14/Tue</u>

Dated: 23rd April, 2013Weather during the period

- During the period from 13th -16th April, weather was cloudy and rains were recorded.
- Maximum temperature: 24.0°C
- Minimum Temperature:16.0 °C
- Rainfall: **17.6 mm**
- Evapotranspiration: Not Available
- Relative Humidity (%):- 65-99%
- Soil moisture (m²/ m²):-0.3
- Prominent Wind Direction: South West
- Average Wind Speed : 0.2kmph
- Average Sunshine hours : Not Available

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

Weather Forecast

- <u>Rainfall</u> Partly cloudy/cloudy weather for next two/three days with rains in few places are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 17-28 °C.
- <u>Relative Humidity</u> The RH is likely to be in the range of 69-84 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--------------------------|------------------------------------|----------------------|--|
| | | | VEGETABLE CROPS |
| Cucurbits | Seedling/ Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation around the pit of the plant, Light interculture operations is also advised, Provide proper support for healthy trailing. |
| French Bean | Vegetative/ Flowering | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations is required, |
| Ladies Finger | Vegetative | Aphid | Spraying of Imidacloprid 17.5 SL @ 2ml/ 5 litres of water is advised, Avoid water stagnation in the crop field, Light interculture operations, |
| | | T | FIELD CROPS |
| Jhum Rice | Germination /Four leaf stage | Yellow stem borer | 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 | | Avoid water stagnation in the crop field, |
| Soybean | Vegetative | | • Avoid water stagnation in the crop field, |
| Black gram | Vegetative | | • Avoid water stagnation in the crop field, |
| Green gram | Vegetative | | Avoid water stagnation in the crop field, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Planting Fruiting | | 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 | | • Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Apple | Fruiting | Wooly Aphid | Spraying of mineral oils is advised,Application of paradiclorobenzene at 2 meter from the trunk |

| | | | perimeter is advised,Avoid water stagnation in the basin |
|------------|------------|--------------|---|
| Kiwi | Flowering | | <u>Fertilizer application</u> |
| | Fruiting | | Basin cleaning |
| Banana | Planting | | • Planting of new saplings may be done in present weather, |
| | LL | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Worm | Deworming with Albendazole @ 5ml per kg body weight, |
| Pigs | New born | Cold | Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD BQ&HS | This is the right time for vaccination of healthy animals against the diseases Regular monitoring, |
| Goat/Sheep | All stages | FMD | Vaccinate |

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