

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



(Dibang Valley)

Dated: 14th June, 2013 No: -19/2013-14/Fri

Weather during the period

- Rainfall: -
 - Roing -0.0 mm
 - Anini 1.0 mm

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter cloudy weather with rains in few places is forecasted..
- **Temperature** The temperature is likely to be in the range of 16-32°C.
- **Relative Humidity** The RH is likely to be in the range of 29-95%.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--|---|--|---|
| | | V | EGETABLE CROPS |
| Wherever i | rrigation facil | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ | Fruiting/ | | Mulching with locally available weeds to conserve |
| French Bean | Harvesting | | moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, |
| | | | Provide protective irrigation to the crop, |
| | | | • Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice WRC rice- early crop WRC rice – Main (Mipun) | Vegetative Transplant Nursery Transplant Vegetative/ Cob | Blast Yellow stem borer Blast Yellow stem borer Blast Cob borer Stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Regular monitoring against attack of cob borer, |
| | formation | | |
| Soybean | Vegetative | | • Interculture operations, |
| Black gram | Vegetative | Beetle/ | Mulching with locally available weeds to conserve moisture |
| Green gram | Vegetative | Beetle | • Mulching with locally available weeds to conserve moisture |
| Potato | Tuber formation | | Proper drainage facility should be insured, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Fruiting Nursery | Trunk Borer Citrus butterfly | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, |

| | | | Bordeaux pasting of the trunk, |
|------------|------------|---------------|---|
| | | | Hand picking of larvae and its destruction, |
| Kiwi | Flowering | Leaf eating | • Hand collection of the insects and its destruction, |
| | Fruiting | beetle | Make proper drainage facility in the crop area, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, |
| | | | • Apply Malathion dust 5D inside the whorl of the plant, |
| | | | • Bagging with 5 % perforated polythene bags, |
| | | | • Planting of new saplings may be done in present weather, |
| , | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | • Provide adequate clean drinking water to the birds, |
| | | | Maintain proper ventilation, |
| | | | Cut day lighting in the poultry shade, |
| | | | Place toko leaves above the poultry shade to reduce heat, |
| | | | Provide multivitamin, |
| | | | Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, |
| | | | New Born - Provide cushioning material, |
| | | | • Vaccination against swine fever, |
| Cattle | All stages | FMD | Reduce concentrate feed and increase green leaves, |
| | _ | BQ&HS | • Provide adequate clean drinking water to the birds, |
| | | Ecto-parasite | Vaccination against FMD, |
| | | Digestive | Regular monitoring, |
| | | problems | 0 0 |
| Goat/Sheep | All stages | Digestive | Ruchamax at recommended dose, |
| | | problems | Staff or VVV staff for managers against adverse conditions or |

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)







(East Kameng)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

Rainfall: -

• Seppa – 0.0 mm

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter cloudy weather with rains in few places is forecasted
- <u>Temperature</u> The temperature is likely to be in the range of 22-35°C.
- Relative Humidity The RH is likely to be in the range of 45-94 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---------------|-------------------------|----------------------|---|
| | | | EGETABLE CROPS |
| | | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of |
| TD . | 27 | | pheromone traps. |
| Tomato | Nursery | Damping off | Maintain proper moisture level in the nursery, |
| Brinjal | Transplanting | | Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ | Fruiting/ | | Mulching with locally available weeds to conserve |
| French Bean | Harvesting | | moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, |
| | | | Provide protective irrigation to the crop, |
| | | | Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice | Vegetative | Blast Yellow stem | • Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, |
| | | borer | Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- | Transplant | Blast | • Farmers are advised to delay transplanting by two/three |
| early crop | _ | | days in view of present hot and dry weather, |
| | | Yellow stem | • Spraying of crop with Carbandazim 50 WP @ 1 grams per |
| | | borer | litre of water both in nursery and in main crop is advised, |
| | | | Collection and destruction of egg masses (Yellow cottony |
| | | | mass) is advised. Cut off the tips of the seedlings to kill the |
| | | | egg masses. |
| WRC rice – | Nursery | | • Farmers are advised to delay transplanting by two/three |
| Main (Mipun) | Transplant | | days in view of present hot and dry weather, |
| | | | • Maintain adequate moisture level in the nursery, |
| | | Blast | • Spraying of crop with Carbandazim 50 WP @ 1 grams per |
| | | | litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ | Cob borer | Regular monitoring against attack of cob borer, |
| | Cob | Stem borer | |
| | formation | | |
| Soybean | Vegetative | | Interculture operations, |
| | | | FRUIT CROPS |
| Khasi | Fruiting | Trunk Borer | • In present weather conditions, trunk borer adults can be |
| Mandarin | Nursery | | seen in the tree. Manually collect and destroy the adults, |
| | | Citrus | • Intercropping with any pulse crop is advised, |
| | | butterfly | Interculture operations, |
| | | | Bordeaux pasting of the trunk, |
| | | | Hand picking of larvae and its destruction, |
| Kiwi | Flowering | Leaf eating | Hand collection of the insects and its destruction, |
| | Fruiting | beetle | Make proper drainage facility in the crop area, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, |
| | | | 1 |

| | | | Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, |
|------------|------------|--|---|
| , | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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



(East Siang)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

Maximum temperature: 37.4°C
Minimum Temperature: 24.2 °C

• Rainfall:

Banana

All stages

Scary beetles

Pasighat –0.0 mm Relative humidity (%): 49-65

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter partially cloudy weather with light rains in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 22-32°C.
- Relative Humidity The RH is likely to be in the range of 33-94 %.

Weather Based Agro-meteorological Advisories Bulletin

| | <u> </u> | ather basea Agi | ro-meteorological Advisories Bulletin |
|-----------------------|-----------------------|-------------------|---|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| | | | EGETABLE CROPS |
| | | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ | | Mulching with locally available weeds to conserve |
| | Harvesting | E | moisture, |
| | | Fruit Fly | • Collection and deep burying of infected fruit. Installation of |
| | 3.7 | | pheromone traps. |
| Tomato | Nursery | Damping off | Maintain proper moisture level in the nursery, |
| Brinja1 | Transplanting | | Transplanting of mature seedlings maintaining proper |
| D / | D '.' / | | moisture level in the soil, |
| Beans/ | Fruiting/ | | Mulching with locally available weeds to conserve |
| French Bean | Harvesting | | moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, |
| | | | Provide protective irrigation to the crop, |
| | | | Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice | Vegetative | Blast | • Spraying of crop with Carbandazim 50 WP @ 1 grams per |
| | | Yellow stem | litre of water is advised, |
| | | borer | • Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- | Transplant | Blast | • Farmers are advised to delay transplanting by two/three |
| early crop | | 37 11 | days in view of present hot and dry weather, |
| | | Yellow stem | • Spraying of crop with Carbandazim 50 WP @ 1 grams per |
| | | borer | litre of water both in nursery and in main crop is advised, |
| | | | • Collection and destruction of egg masses (Yellow cottony |
| | | | mass) is advised. Cut off the tips of the seedlings to kill the |
| WRC rice – | Nurcoru | | egg masses. |
| Main (<i>Mipun</i>) | Nursery Transplant | | • Farmers are advised to delay transplanting by two/three |
| Maiii (Mipuii) | Transplant | | days in view of present hot and dry weather, |
| | | Blast | Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per |
| | | Diast | litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ | Cob borer | |
| Maize | Cob | Stem borer | Regular monitoring against attack of cob borer, |
| | formation | Stelli borei | |
| Soybean | Vegetative | | Interculture operations, |
| - Joyeeun | regetative | | |
| Khasi | Emiting | Trunk Borer | FRUIT CROPS |
| Mandarin | Fruiting Nursery | Trunk borer | • In present weather conditions, trunk borer adults can be |
| iviaiiualiii | inuisciy | Citrus | seen in the tree. Manually collect and destroy the adults, |
| | | butterfly | Intercrutture energtions |
| | | Dutterity | • Interculture operations, |
| | | | Bordeaux pasting of the trunk, I land righting of larges and its destruction. |
| | | | Hand picking of larvae and its destruction, |

Provide adequate moisture to the crop,

| | | | Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, LIVESTOCKS |
|------------|------------|--|---|
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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call at 03795226247/37



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



(Lohit)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

- Rainfall: -
 - Tezu 0.0 mm
 - Namsai NA

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter cloudy weather with rains in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 24-35°C.
- Relative Humidity The RH is likely to be in the range of 41-96 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------------------------|---------------------------------|-------------------------------|---|
| Crop | orage | | EGETABLE CROPS |
| Wherever i | rrigation facil | | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ | Fruiting/ | | Mulching with locally available weeds to conserve |
| French Bean | Harvesting | | moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, |
| WDC sies | Mariana | | FIELD CROPS |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ Cob formation | Cob borer Stem borer | Regular monitoring against attack of cob borer, |
| Green gram | Vegetative | Beetle | Mulching with locally available weeds to conserve moisture, |
| | | <u> </u> | FRUIT CROPS |
| Lemon/other citrus fruits | Fruiting Nursery | Trunk Borer Citrus butterfly | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, |
| , | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, |

Provide multivitamin,

Proper vaccination with Briben Plus at recommended dose,

| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
|------------|------------|--|--|
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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



(Lower Subansiri)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

- Rainfall: -
 - 1. Ziro –0.0 mm

Weather Forecast

- <u>Rainfall</u> Clear, hot and dry weather for next one/two days and thereafter partially cloudy weather with light rains in few places is forecasted.
- <u>Temperature</u> 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 50-93 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------------|--------------------------|-------------------------------|---|
| | | V | EGETABLE CROPS |
| | | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, FIELD CROPS |
| Jhum Rice | Vegetative | Blast Yellow stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- early crop | Transplant | Blast Yellow stem borer | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. |
| WRC rice – Main | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, |
| Potato | Tuber formation | Late blight | Monitoring the crop against attack of late blight, Proper drainage facility should be insured, FRUIT CROPS |
| Khasi Mandarin | Fruiting Nursery | Trunk Borer Citrus butterfly | |
| Apple | Fruiting | Wooly Aphid | • Application of paradiclorobenzene at 2 meter away from the trunk is advised, |
| Kiwi | Flowering Fruiting | Leaf eating beetle | Hand collection of the insects and its destruction, Make proper drainage facility in the crop area, LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, |

Place toko leaves above the poultry shade to reduce heat,

| | | | Provide multivitamin, |
|------------|------------|---------------|--|
| | | | • Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | • Wallowing should be encouraged, |
| | | | New Born - Provide cushioning material, |
| | | | Vaccination against swine fever, |
| Cattle | All stages | FMD | • Reduce concentrate feed and increase green leaves, |
| | | BQ&HS | • Provide adequate clean drinking water to the birds, |
| | | Ecto-parasite | Vaccination against FMD, |
| | | Digestive | Regular monitoring, |
| | | problems | |
| Goat/Sheep | All stages | Digestive | Ruchamax at recommended dose, |
| | | problems | |

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



(Papum Pare)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

Maximum temperature: 37.5 °C
Minimum Temperature: 21.2°C
Relative Humidity (%):55-69

• Rainfall: -

Itanagar – 0.0 mm
 Naharlagun – 0.0 mm

Weather Forecast

- Rainfall Clear, hot and dry weather is forecasted for next 2/3 days.
- <u>Temperature</u> 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 34-85 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------------------------|---------------------------------|-------------------------------|---|
| | | | EGETABLE CROPS |
| | | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ French Bean | Fruiting/ Harvesting | | Mulching with locally available weeds to conserve moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, FIELD CROPS |
| Jhum Rice | Vegetative | Blast Yellow stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- early crop | Transplant | Blast Yellow stem borer | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ Cob formation | Cob borer Stem borer | Regular monitoring against attack of cob borer, |
| Soybean | Vegetative | | Interculture operations, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Fruiting Nursery | Trunk Borer Citrus butterfly | seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, |
| Kiwi | Flowering | Leaf eating | Hand picking of larvae and its destruction, Hand collection of the insects and its destruction, |

| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, LIVESTOCKS |
|------------|------------|--|---|
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

Make proper drainage facility in the crop area,

Fruiting

call at 03795226247/37

beetle



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



(Tawang)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

- Rainfall: -
 - 1. Tawang 7.0 mm

Weather Forecast

- Rainfall Clear/dry weather next 1/2 days and thereafter rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 10-18°C.
- Relative Humidity 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 | • Application of paradiclorobenzene at 2 meter away from the trunk is advised, |
| Kiwi | Flowering Fruiting | Leaf eating beetle | Hand collection of the insects and its destruction,Make proper drainage facility in the crop area, |
| Potato | Tuber formation | | Proper drainage facility should be insured, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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

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



(Tirap)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

- Rainfall: -
 - Khonsa –NA
 - <u>Deomali</u> –0.0 mm

Weather Forecast

- Rainfall Clear, hot and dry weather is forecasted for next 3/4 days. Partially cloudy weather may develop on some days with light rains in few places.
- <u>Temperature</u> The temperature is likely to be in the range of 21-36°C.
- Relative Humidity The RH is likely to be in the range of 37-91 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------------------------|---------------------------------|-------------------------------|---|
| - | | V | EGETABLE CROPS |
| Wherever i | rrigation facili | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ French Bean | Fruiting/ Harvesting | | Mulching with locally available weeds to conserve moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, |
| | | | FIELD CROPS |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ Cob formation | Cob borer Stem borer | Regular monitoring against attack of cob borer, |
| Green gram | Vegetative | Beetle | Mulching with locally available weeds to conserve moisture, |
| | | | FRUIT CROPS |
| Lemon/other citrus fruits | Fruiting Nursery | Trunk Borer Citrus butterfly | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, |

Proper vaccination with Briben Plus at recommended dose,

| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
|------------|------------|--|--|
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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



(Upper Siang)

<u>No: -19/2013-14/Fri</u> <u>Dated: 14th June, 2013</u>

Weather during the period

- Rainfall: -
 - Tuting NA

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter partially cloudy weather with light rains in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 9-21°C.
- Relative Humidity The RH is likely to be in the range of 37-91%.

Weather Based Agro-meteorological Advisories Bulletin

| | <u> </u> | ither based Agri | o-meteorological Advisories Bulletin |
|-------------------------------------|---------------------------------|-------------------------------|---|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| | | | EGETABLE CROPS |
| | | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ French Bean | Fruiting/ Harvesting | | Mulching with locally available weeds to conserve moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, FIELD CROPS |
| Jhum Rice | Vegetative | Blast Yellow stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- early crop | Transplant | Blast Yellow stem borer | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, |
| Maize | Vegetative/ Cob formation | Cob borer Stem borer | Regular monitoring against attack of cob borer, |
| | | | FRUIT CROPS |
| Khasi Mandarin | Fruiting Nursery | Citrus butterfly | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, |
| Kiwi | Flowering Fruiting | Leaf eating beetle | Hand collection of the insects and its destruction, Make proper drainage facility in the crop area, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, |

| LIVESTOCKS | | | | |
|------------|------------|-----------------------|--|--|
| Livestock | Stage | Disease | Precautionary Practices to be followed | |
| Poultry | All stages | Ranikhet | • Provide adequate clean drinking water to the birds, | |
| | | | • Maintain proper ventilation, | |
| | | | Cut day lighting in the poultry shade, | |
| | | | Place toko leaves above the poultry shade to reduce heat, | |
| | | | Provide multivitamin, | |
| | | | • Proper vaccination with Briben Plus at recommended dose, | |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, | |
| | | | New Born - Provide cushioning material, | |
| | | | Vaccination against swine fever, | |
| Cattle | All stages | FMD | • Reduce concentrate feed and increase green leaves, | |
| | | BQ&HS | • Provide adequate clean drinking water to the birds, | |
| | | Ecto-parasite | Vaccination against FMD, | |
| | | Digestive problems | Regular monitoring, | |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, | |

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



(Upper Subansiri)

No: -19/2013-14/Fri

Weather during the period

- Rainfall: -
 - 1. Daporijo- 0.0 mm

Weather Forecast

- Rainfall Partially cloudy weather with light rains in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 10-19°C.
- Relative Humidity The RH is likely to be in the range of 47-92 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------------------------|--------------------------|-------------------------------|---|
| | | V | EGETABLE CROPS |
| Wherever i | rrigation facil | ity is available, | apply protective irrigation to the vegetable crops. |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, |
| Beans/ French Bean | Fruiting/ Harvesting | | Mulching with locally available weeds to conserve moisture, |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, |
| | | | FIELD CROPS |
| Jhum Rice | Vegetative | Blast Yellow stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. |
| WRC rice- early crop | Transplant | Blast Yellow stem borer | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | egg masses. Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, FRUIT CROPS |
| Khasi | Emiting | Terrente Domon | |
| Knası Mandarin | Fruiting Nursery | Trunk Borer Citrus butterfly | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, |
| Banana | All stages | Scary beetles | Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, |

Cut day lighting in the poultry shade,

| | | | Place toko leaves above the poultry shade to reduce heat, |
|------------|------------|---------------|--|
| | | | Provide multivitamin, |
| | | | • Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, |
| | | | New Born - Provide cushioning material, |
| | | | Vaccination against swine fever, |
| Cattle | All stages | FMD | • Reduce concentrate feed and increase green leaves, |
| | | BQ&HS | • Provide adequate clean drinking water to the birds, |
| | | Ecto-parasite | Vaccination against FMD, |
| | | Digestive | Regular monitoring, |
| | | problems | |
| Goat/Sheep | All stages | Digestive | Ruchamax at recommended dose, |
| | | problems | |

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



(West Kameng)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

• Rainfall: - Bomdila – 49.0 mm Bhalokpung –NA

Weather Forecast

- Rainfall Clear/dry weather next 1/2 days and thereafter rains are forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 11-20°C.
- Relative Humidity The RH is likely to be in the range of 53-93 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------|-----------------------|--|---|
| Apple | Fruiting | Wooly Aphid | • Application of paradiclorobenzene at 2 meter away from the trunk is advised, |
| Kiwi | Flowering Fruiting | Leaf eating beetle | Hand collection of the insects and its destruction,Make proper drainage facility in the crop area, |
| Potato | Tuber formation | | Proper drainage facility should be insured, |
| | | | LIVESTOCKS |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

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

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



(West Siang)

No: -19/2013-14/Fri Dated: 14th June, 2013

Weather during the period

• During the period weather was clear, hot and dry.

Maximum temperature: 36.1°C
Minimum Temperature: 15.5°C

Rainfall: <u>0.0 mm</u>

Evapotranspiration: - 3.0 mm
Relative Humidity (%):- 27-97%

Soil moisture (m^2/m^2) :-0.23

• Prominent Wind Direction: Variable (Morning hours) & South West (Afternoon)

Average Wind Speed: 2.5 kmphAverage Sunshine hours: 9.8 hours

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

Weather Forecast

- Rainfall Clear, hot and dry weather for next one/two days and thereafter partially cloudy weather with light rains in few places is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 21-32°C.
- **Relative Humidity** The RH is likely to be in the range of 39-93 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed | | | |
|-------------------------------------|---------------------------------|-------------------------------|---|--|--|--|
| | VEGETABLE CROPS | | | | | |
| | | ity is available, | apply protective irrigation to the vegetable crops. | | | |
| Cucurbits | Fruiting/ Harvesting | Fruit Fly | Mulching with locally available weeds to conserve moisture, Collection and deep burying of infected fruit. Installation of pheromone traps. | | | |
| Tomato Brinjal | Nursery Transplanting | Damping off | Maintain proper moisture level in the nursery, Transplanting of mature seedlings maintaining proper moisture level in the soil, | | | |
| Beans/ French Bean | Fruiting/ Harvesting | | Mulching with locally available weeds to conserve moisture, | | | |
| Ladies Finger | Fruiting | | Harvesting of mature fruit, Provide protective irrigation to the crop, Light interculture operations, | | | |
| T Diag | 774-4: | D14 | FIELD CROPS | | | |
| Jhum Rice | Vegetative | Blast Yellow stem borer | Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water is advised, Collection of egg masses (Yellow cottony mass) is advised. | | | |
| WRC rice- early crop | Transplant | Blast Yellow stem borer | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, Collection and destruction of egg masses (Yellow cottony mass) is advised. Cut off the tips of the seedlings to kill the egg masses. | | | |
| WRC rice – Main (<i>Mipun</i>) | Nursery Transplant | Blast | Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, | | | |
| Maize | Vegetative/ Cob formation | Cob borer Stem borer | Regular monitoring against attack of cob borer, | | | |
| Soybean | Vegetative | | Interculture operations, | | | |
| Black gram | Vegetative | Beetle/ | Mulching with locally available weeds to conserve moisture, | | | |

| Green gram | Vegetative | Beetle | • Mulching with locally available weeds to conserve moisture, |
|-------------------------------------|--|--|--|
| Potato | Tuber formation | | Proper drainage facility should be insured, |
| | | | FRUIT CROPS |
| Khasi Mandarin Kiwi Banana | Fruiting Nursery Flowering Fruiting All stages | Citrus butterfly Leaf eating beetle Scary beetles | In present weather conditions, trunk borer adults can be seen in the tree. Manually collect and destroy the adults, Intercropping with any pulse crop is advised, Interculture operations, Bordeaux pasting of the trunk, Hand picking of larvae and its destruction, Hand collection of the insects and its destruction, Make proper drainage facility in the crop area, Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant, Bagging with 5 % perforated polythene bags, Planting of new saplings may be done in present weather, |
| Livestock | Ctoro | Diagon | LIVESTOCKS Proposition and Propositions to be followed. |
| | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Ranikhet | Provide adequate clean drinking water to the birds, Maintain proper ventilation, Cut day lighting in the poultry shade, Place toko leaves above the poultry shade to reduce heat, Provide multivitamin, Proper vaccination with Briben Plus at recommended dose, |
| Pigs | All stages | Swine fever | Wallowing should be encouraged, New Born - Provide cushioning material, Vaccination against swine fever, |
| Cattle | All stages | FMD BQ&HS Ecto-parasite Digestive problems | Reduce concentrate feed and increase green leaves, Provide adequate clean drinking water to the birds, Vaccination against FMD, Regular monitoring, |
| Goat/Sheep | All stages | Digestive problems | Ruchamax at recommended dose, |

call at 03795226247/37

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