



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Changlang –0.2 mm
 - Miao– 3.0 mm

Weather Forecast

| |
|---|
| • <u>Rainfall</u> – Partly cloudy weather is forecasted for the next 2 /3 days is forecasted. |
| • <u>Temperature</u> - The temperature is likely to be in the range of 13-27 °C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 45-90 %. |

Weather Based Agro-meteorological Advisories Bulletin

| <ul style="list-style-type: none">• Light interculture operations is urgently required,• Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.• Obtain seeds from reputed/certified/reliable source, | | | |
|--|--|--------------------|--|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Lemon/other citrus fruits | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (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



(Dibang Valley)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Roing – NA

Weather Forecast

| |
|---|
| • <u>Rainfall</u> – Clear/partly cloudy weather is forecasted for one/two days. Light rain may occur at few places. |
| • <u>Temperature</u> - The temperature is likely to be in the range of 7-23 °C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 57-93 %. |

Weather Based Agro-meteorological Advisories Bulletin

| <ul style="list-style-type: none">• Light interculture operations is urgently required,• Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.• Obtain seeds from reputed/certified/reliable source, | | | |
|--|--|--------------------|--|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none">• Sowing of quality seeds.• Make structures to avoid runoff in the slope,• ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| Green gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none">• Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |

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

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**Agrometeorological Field Unit
ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

Rainfall: -

- Seppa – 1.0 mm

Weather Forecast

| |
|--|
| • <u>Rainfall</u> – Clear/partly weather is forecasted for next three/four days. |
| • <u>Temperature</u> - The temperature is likely to be in the range of 10-27 °C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 72-92 %. |

Weather Based Agro-meteorological Advisories Bulletin

| <ul style="list-style-type: none">• Light interculture operations is urgently required,• Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.• Obtain seeds from reputed/certified/reliable source, | | | |
|--|--|--------------------|--|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none">• Sowing of quality seeds.• Make structures to avoid runoff in the slope,• ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| Green gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none">• Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Maximum temperature: 29.4 °C
- Minimum Temperature: 16.1 °C
- Rainfall:
 Passighat – 10.4 mm
- Relative humidity (%):62-88

Weather Forecast

| |
|---|
| • <u>Rainfall</u> - Cloudy/partly cloudy weather is 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 13-24 °C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 62-89 %. |

Weather Based Agro-meteorological Advisories Bulletin

| <ul style="list-style-type: none"> • Light interculture operations is urgently required, • Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised. • Obtain seeds from reputed/certified/reliable source, | | | |
|--|--|--------------------|--|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none"> • Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions, • Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none"> • In present weather conditions, sowing of quality treated seeds may be done. • Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none"> • Sowing of quality treated seeds may be done in present weather conditions, • After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none"> • Sowing of quality seeds. • Make structures to avoid runoff in the slope, • ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none"> • Sowing of quality seeds is advised, • Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none"> • Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none"> • Sowing of treated quality seeds may be done |
| Green gram | Sowing | | <ul style="list-style-type: none"> • Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none"> • Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit. • Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year, • Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none"> • Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none"> • Add multivitamin feeds (More of Vit C) • Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none"> • Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none"> • Vaccination – of healthy animals • Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none"> • Before stocking, make free the weeds and predators in |

| | | | |
|---|--|--|----------|
| | | | the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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ICAR, BASAR**



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lohit)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Tezu –19.4 mm
 - Namsai –9.5 mm

Weather Forecast

- Rainfall - Cloudy weather is forecasted for next three/four days. Light rain may occur at few places.
- Temperature - The temperature is likely to be in the range of 13-28 °C.
- Relative Humidity - The RH is likely to be in the range of 63-81 %.

Weather Based Agro-meteorological Advisories Bulletin

- **Light interculture operations is urgently required,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- **Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Lemon/other citrus fruits | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Lower Subansiri)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Ziro –0.0 mm

Weather Forecast

- Rainfall - Clear/partly cloudy weather is forecasted for next three/four days. Light rains may occur at few places.
- Temperature - The temperature is likely to be in the range of 10-24 °C.
- Relative Humidity - The RH is likely to be in the range of 74-95 %.

Weather Based Agro-meteorological Advisories Bulletin

- Light interculture operations is urgently required,**
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">In present weather conditions, sowing of quality treated seeds may be done.Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">Sowing of quality treated seeds may be done in present weather conditions,After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none">Sowing of quality seeds.Make structures to avoid runoff in the slope,ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">Sowing of quality seeds is advised,Treat the seeds before sowing. |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,Apply first dose of NPK fertilizers. Spray micronutrients. |
| Apple | Flowering | | <ul style="list-style-type: none">Mulching is advised |
| Kiwi | Flowering | | <ul style="list-style-type: none">Mulching is advised, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">Add multivitamin feeds (More of Vit C)Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">Vaccination – of healthy animalsTreatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | <ul style="list-style-type: none">Vaccinate with PPX,Provide standard feeds, |
| Fish | Stocking | - | <ul style="list-style-type: none">Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Papum Pare)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Maximum temperature: 32.4 °C
- Minimum Temperature: 17.8°C
- Relative Humidity (%):62-74
- Rainfall: -
 - Itanagar – 16.0 mm
 - Naharlagun – 7.9 mm

Weather Forecast

- Rainfall – Clear/partially cloudy weather is forecasted for next three/four days.
- Temperature - The temperature is likely to be in the range of 14-33 °C.
- Relative Humidity - The RH is likely to be in the range of 64-92 %.

Weather Based Agro-meteorological Advisories Bulletin

- Light interculture operations is urgently required,**
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">In present weather conditions, sowing of quality treated seeds may be done.Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">Sowing of quality treated seeds may be done in present weather conditions,After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| Jhum Rice | Land preparation | | <ul style="list-style-type: none">Sowing of quality seeds.Make structures to avoid runoff in the slope,ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">Sowing of quality seeds is advised,Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">Sowing of treated quality seeds may be done, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Kiwi | Flowering | | <ul style="list-style-type: none">Mulching is advised, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">Add multivitamin feeds (More of Vit C)Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">Vaccination – of healthy animalsTreatment – sick animals, |
| • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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



(Tawang)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 1. Tawang –19.0 mm

Weather Forecast

| |
|---|
| • <u>Rainfall</u> – Clear/partly cloudy weather is forecasted for next 3/4 days. Light rain may occur in one / two places |
| • <u>Temperature</u> - The temperature is likely to be in the range of 2-14 °C. |
| • <u>Relative Humidity</u> - The RH is likely to be in the range of 74-98 %. |

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------|-------------|-------------------------|--|
| Apple | Flowering | | <ul style="list-style-type: none">• Apply manures and fertilizers in the crop basin,• Apply mulch to maintain proper soil moisture, |
| Kiwi | Lean Period | | <ul style="list-style-type: none">• <u>Conserve moisture in the orchard,</u>• Basin cleaning |
| LIVESTOCKS | | | |
| Livestock | Stage | Pest/Disease | Precautionary Practices to be followed |
| Poultry | All stages | Cold Coccidiosis | <ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,• In present weather conditions frequently turn the litters/avoid hardening of litters,• Provide limited ventilation,• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |

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: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Khonsa -NA
 - Deomali –2.0 mm

Weather Forecast

| |
|--|
| • <u>Rainfall</u> - Cloudy weather is forecasted for next three/four days with rain in one/two places. |
| • <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 55-93 %. |

Weather Based Agro-meteorological Advisories Bulletin

| <ul style="list-style-type: none">• Light interculture operations is urgently required,• Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.• Obtain seeds from reputed/certified/reliable source, | | | |
|--|--|--------------------|--|
| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Lemon/other citrus fruits | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
 - Tuting – 64.2 mm

Weather Forecast

- Rainfall** – Clear/partly cloudy weather is forecasted for next three/four days. Light rains may occur at few places.
- Temperature** - The temperature is likely to be in the range of 6-23 °C.
- Relative Humidity** - The RH is likely to be in the range of 70-93 %.

Weather Based Agro-meteorological Advisories Bulletin

- Light interculture operations is urgently required,**
- Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">In present weather conditions, sowing of quality treated seeds may be done.Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">Sowing of quality treated seeds may be done in present weather conditions,After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| Jhum Rice | Land preparation | | <ul style="list-style-type: none">Sowing of quality seeds.Make structures to avoid runoff in the slope,ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">Sowing of quality seeds is advised,Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">Sowing of treated quality seeds may be done, |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none">Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">Add multivitamin feeds (More of Vit C)Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">Vaccination – of healthy animalsTreatment – sick animals, |
| Rabbits | All stages | Snuffles | <ul style="list-style-type: none">Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials |
| <ul style="list-style-type: none">Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: -
1. Daporijo- 6.0 mm

Weather Forecast

- Rainfall – Clear/partly cloudy weather is forecasted for next three/four days. Light rain may occur at few places.
- Temperature - The temperature is likely to be in the range of 12-23°C.
- Relative Humidity - The RH is likely to be in the range of 73-93 %.

Weather Based Agro-meteorological Advisories Bulletin

- **Light interculture operations is urgently required,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- **Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|--------------------------|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none">• Sowing of quality seeds.• Make structures to avoid runoff in the slope,• ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| Green gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none">• Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Apple | Flowering | | <ul style="list-style-type: none">• Mulching is advised |
| Kiwi | Flowering | | <ul style="list-style-type: none">• Mulching is advised, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none">• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Rabbits | All stages | Snuffles | <ul style="list-style-type: none">• Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials |
| Goat/Sheep | All stages | Goat pox | <ul style="list-style-type: none">• Vaccinate with PPX, |

| | | | |
|---|----------|---|--|
| | | | <ul style="list-style-type: none">• Provide standard feeds, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- Rainfall: - Bomdila – 14.0 mm
Bhalokpung –0.4 mm

Weather Forecast

- Rainfall – Clear/partly cloudy weather is forecasted for next three/four days.
- Temperature - The temperature is likely to be in the range of 10-27°C.
- Relative Humidity - The RH is likely to be in the range of 74-96 %.

Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|-------------------|-------------|-------------------------|--|
| Apple | Flowering | | <ul style="list-style-type: none">• Apply manures and fertilizers in the crop basin,• Apply mulch to maintain proper soil moisture, |
| Kiwi | Lean Period | | <ul style="list-style-type: none">• <u>Conserve moisture in the orchard,</u>• Basin cleaning |
| LIVESTOCKS | | | |
| Livestock | Stage | Pest/Disease | Precautionary Practices to be followed |
| Poultry | All stages | Cold Coccidiosis | <ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,• In present weather conditions frequently turn the litters/avoid hardening of litters,• Provide limited ventilation,• Add multivitamin feeds (More of Vit C)• Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none">• Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none">• Vaccination – of healthy animals• Treatment – sick animals, |
| Fish | Stocking | - | <ul style="list-style-type: none">• Before stocking, make free the weeds and predators in the pond |

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West Siang, Basar – 791 101



(West Siang)

No: -90/2012-13/Tue

Dated: 19th March, 2013

Weather during the period

- During the last three days weather was cloudy and rain was recorded.
 - Maximum temperature: 22.0°C
 - Minimum Temperature: 12.0°C
 - Rainfall: **49.0 mm**
 - Evapotranspiration: 2.7 mm
 - Relative Humidity (%):-88-100 %
 - Soil moisture (m²/ m²):-0.29
 - Prominent Wind Direction: North West
 - Average Wind Speed : 0.5 kmph
 - Average Sunshine hours : 2.6 hours
- (Source-Agromet Observatory, Research Farm, Gori, ICAR, AP Centre, Basar)

Weather Forecast

- | |
|--|
| • <u>Rainfall</u> – Cloudy/partly cloudy weather is forecasted for next three/four days. Rains may occur at few places after one/two days. |
| • <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 70-93 %. |

Weather Based Agro-meteorological Advisories Bulletin

- **Light interculture operations is urgently required,**
- **Seed treatment with Dithane M45/Captan @ 2 grams per kg of seeds before sowing is advised.**
- **Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|------------------|--|--------------------|--|
| VEGETABLE CROPS | | | |
| Cucurbits | Land Preparation Sowing/ Nursery | Cut worm | <ul style="list-style-type: none">• Sowing of quality treated seeds maintain proper spacing may be done in present weather conditions,• Regular monitoring of crop against attack of cutworm is advised, |
| French Bean | Sowing Germination Vegetative | | <ul style="list-style-type: none">• In present weather conditions, sowing of quality treated seeds may be done.• Light interculture operations is required, |
| Ladies Finger | Sowing | | <ul style="list-style-type: none">• Sowing of quality treated seeds may be done in present weather conditions,• After sowing apply mulch to conserve moisture, |
| FIELD CROPS | | | |
| <i>Jhum</i> Rice | Land preparation | | <ul style="list-style-type: none">• Sowing of quality seeds.• Make structures to avoid runoff in the slope,• ICAR Basar recommends procuring quality seeds of <i>Bhalum</i> 1,2,3 and 4 in <i>Jhum</i> apart from the local varieties, |
| Maize | Sowing | | <ul style="list-style-type: none">• Sowing of quality seeds is advised,• Treat the seeds before sowing. |
| Soybean | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done, |
| Black gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| Green gram | Sowing | | <ul style="list-style-type: none">• Sowing of treated quality seeds may be done |
| FRUIT CROPS | | | |
| Khasi Mandarin | Flowering | Lichens/ Mosses | <ul style="list-style-type: none">• Pit digging @ 2 X 2 X 2 feet. Apply well decomposed FYM @ 20 kg and top soil per pit.• Liming of basin @ 3 kg per plant (Mature trees). If liming was done last year than avoid using this year,• Apply first dose of NPK fertilizers. Spray micronutrients. |

| | | | |
|---|------------|-------------|--|
| Pineapple /Strawberry | Planting | | <ul style="list-style-type: none"> Treat the plantlets with DithaneM45 @ 2 grams per litre of water for half an hour before planting, |
| Apple | Flowering | | <ul style="list-style-type: none"> Mulching is advised |
| Kiwi | Flowering | | <ul style="list-style-type: none"> Mulching is advised, |
| LIVESTOCKS | | | |
| Livestock | Stage | Disease | Precautionary Practices to be followed |
| Poultry | All stages | Coccidiosis | <ul style="list-style-type: none"> Add multivitamin feeds (More of Vit C) Add Amprolium to the ration, |
| Pigs | New born | Cold | <ul style="list-style-type: none"> Warming of pig sheds using gunny bags, straw, enclosure, |
| Cattle | All stages | FMD | <ul style="list-style-type: none"> Vaccination – of healthy animals Treatment – sick animals, |
| Rabbits | All stages | Snuffles | <ul style="list-style-type: none"> Use broad spectrum antibiotic treatment like Gentamycin, anrofloxacin under proper supervision of veterinary officials |
| Goat/Sheep | All stages | Goat pox | <ul style="list-style-type: none"> Vaccinate with PPX, Provide standard feeds, |
| Fish | Stocking | - | <ul style="list-style-type: none"> Before stocking, make free the weeds and predators in the pond |
| <ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247 (KVK, West Siang) | | | |

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