# Integrated Agro-Meteorological Advisory Services

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

**(Upper-Dibang- Valley)**

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 14.0-15.0$^0$C, Min Temp: 6.0-7.0$^0$C, Wind Speed: 4-6Kmph, Wind Direction: 107-157Degree, Rainfall: 34.0mm. | The possibility of Rainfall is 56.0mm for the next five days. Max Temp: 15.0-17.0$^0$C, Min Temp: 6.0-7.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 4-7 Okta, Max RH: 93-95%, Min RH: 52-64%, Wind Speed: 3-4Kmph, Wind Direction: 103-160Degree. ***Weekly cumulative rainfall : 56.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Apple | Fruit Development | | • Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage.<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab<br>• Spray Boron (1g/l)<br>Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily.<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.<br>• Vaccination of birds as per the recommended age, |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Avoid stagnant water near the shed, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds, |
| Fish | Stocking | - | • 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 03795226247/37**

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

**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

## (East Kameng)

No: 45/2014-15/Fri  Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 17.0-18.0$^0$C, Min Temp: 9.0-10.0$^0$C, Wind Speed: 2-4Kmph, Wind Direction: 38-177Degree, Rainfall: 74.0mm. | The possibility of Rainfall is 100.0mm for the next five days. Max Temp: 18.0-19.0$^0$C, Min Temp: 10.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 92-95%, Min RH: 54-63%, Wind Speed: 2-4 Kmph, Wind Direction: 66-239Degree.<br>***Weekly cumulative rainfall : 100.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily.<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • 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 03795226247/37**

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

**ICAR Research Complex for NEH Region, Arunachal Pradesh Centre**

**West Siang, Basar – 791 101**

**(East Siang)**

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 35.0$^0$C, Min Temp: 25.0$^0$C, Wind Speed: 2-4Kmph, Wind Direction: 30-76Degree, Rainfall: 27.0mm. | The possibility of Rainfall is 46.0mm for the next five days. Max Temp: 35.0$^0$C, Min Temp: 25.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 4-7Okta, Max RH: 92-97%, Min RH: 52-67%, Wind Speed: 2-5Kmph, Wind Direction: 42-83Degree. ***Weekly cumulative rainfall : 46.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| **FIELD CROPS** | | | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| **FRUIT CROPS** | | | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| **LIVESTOCKS** | | | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Avoid stagnant water near the shed, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval, |
| Fish | Stocking | - | • 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 03795226247/37**

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

(Kurung-Kumey)

No: 45/2014-15/Fri

Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 13.0$^0$C, Min Temp: 5.0-7.0$^0$C, Wind Speed: 4-5Kmph, Wind Direction: 114-207Degree, Rainfall: 44.0mm. | The possibility of Rainfall is 55.0mm for the next five days. Max Temp: 14.0$^0$C, Min Temp: 6.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 6-7Okta, Max RH: 90-93%, Min RH: 59-66%, Wind Speed: 3-4Kmph, Wind Direction: 120-184Degree.<br>***Weekly cumulative rainfall : 55.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Avoid stagnant water near the shed, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval, |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |

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# Integrated Agro-Meteorological Advisory Services

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

## (Lohit)

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 27.0-28.0$^0$C, Min Temp: 20.0$^0$C, Wind Speed: 2-5Kmph, Wind Direction: 81-186Degree, Rainfall: 67.0mm. | The possibility of Rainfall is 80.0mm for the next five days. Max Temp: 28.0$^0$C, Min Temp: 21.0$^0$C, Cloud Cover: sky will be cloudy i.e. 5-7 Okta, Max RH: 96-98%, Min RH: 70-74%, Wind Speed: 2-4Kmph, Wind Direction: 82-172Degree.<br>***Weekly cumulative rainfall : 80.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • 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 03795226247/37**

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

**(Lower-Dibang- Valley)**

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 22.0$^0$C, Min Temp: 11.0-12.0$^0$C, Wind Speed: 5-7Kmph, Wind Direction: 67-118Degree, Rainfall: 50.0mm. | The possibility of Rainfall is 75.0mm for the next five days. Max Temp: 22.0-23.0$^0$C, Min Temp: 12.0-13.0$^0$C, Cloud Cover: sky will be partly cloudy i.e. 4-6 Okta, Max RH: 93-96%, Min RH: 51-58%, Wind Speed: 3-4Kmph, Wind Direction: 69-124Degree.<br>***Weekly cumulative rainfall : 75.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| Apple | Fruit Development | | • Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage.<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab<br>• Spray Boron (1g/l)<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed,<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature, |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |

| | | | |
|---|---|---|---|
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval, |
| Fish | Stocking | - | • 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 03795226247/37** | | | |

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

## (Lower Subansiri)

No: 45/2014-15/Fri

Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 13.0-14.0$^0$C, Min Temp: 6.0-7.0$^0$C, Wind Speed: 2-4Kmph, Wind Direction: 109-222Degree, Rainfall: 59.0mm. | The possibility of Rainfall is 71.0mm for the next five days. Max Temp: 14.0-16.0$^0$C, Min Temp: 6.0-7.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 92-94%, Min RH: 58-65%, Wind Speed: 2-3Kmph, Wind Direction: 141-199Degree. ***Weekly cumulative rainfall : 71.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

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- **Obtain seeds from reputed/certified/reliable source,**

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| Apple | Fruit Development | | • Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab<br>• Spray Boron (1g/l)<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed,<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta, |

| | | | |
|---|---|---|---|
| | | | • Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval, |
| Fish | Stocking | - | • 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 03795226247/37** | | | |

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

**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

## (Papum Pare)

No: 45/2014-15/Fri

Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 21.0-32.0$^0$C, Min Temp: 22.0$^0$C, Wind Speed: 2-4Kmph, Wind Direction: 66-209Degree, Rainfall: 52.0mm. | The possibility of Rainfall is 79.0mm for the next five days. Max Temp: 32.0$^0$C, Min Temp: 22.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 4-7Okta, Max RH: 88-90%, Min RH: 54-63%, Wind Speed: 2-3Kmph, Wind Direction: 138-271Degree.<br>***Weekly cumulative rainfall : 79.0mm*** |

### Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Day old chick-Maintain warmth by lighting,<br>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,<br>• Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give Anti coucidid drops,<br>• During day time provide proper ventilation,<br>• Add multivitamin feeds (More of Vit C)<br>• Add Amprolium to the ration,<br>Regular check the litter materials to prevent from caking, |
| Pigs | New born/ All stages | Cold | • Vaccinate against swine fever,<br>• Avoid stagnant water near the shed,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Deworming of piglets after 2 months, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |
| Dog | All stages | | • Vaccinate against rabies , |
| Sheep/Goat | All stages | | • Vaccination & deworming at regular interval.<br>• Vaccinate with PPR, |

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

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

**ICAR Research Complex for NEH Region, Arunachal Pradesh Centre**

**West Siang, Basar – 791 101**

## (Tawang)

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 18.0$^0$C, Min Temp: 12.0$^0$C, Wind Speed: 4Kmph, Wind Direction: 110-269Degree, Rainfall: 53.0mm. | The possibility of Rainfall is 62.0mm for the next five days. Max Temp: 16.0-18.0$^0$C, Min Temp: 10.0-11.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 7Okta, Max RH: 91-94%, Min RH: 66-75%, Wind Speed: 4-6Kmph, Wind Direction: 224-249Degree.<br>***Weekly cumulative rainfall : 62.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|---|---|---|
| Apple | Fruit Development | | • **Spraying should be done only after showers,**<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab<br>• Spray Boron (1g/l)<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| **LIVESTOCKS** | | | |
| **Livestock** | **Stage** | **Pest/Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Day old chick-Maintain warmth by lighting,<br>• Vaccination of birds as per the recommended age,<br>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Provide limited ventilation,<br>• Add multivitamin feeds (More of Vit C)<br>• Add Amprolium to the ration,<br>Regular check the litter materials to prevent from caking, |
| Pigs | New born | Cold | • Warming of pig sheds using gunny bags, straw, enclosure,<br>• Vaccinate against swine fever,<br>• Avoid stagnant water near the shed,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Deworming of piglets after 2 months, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |
| Dog | All stages | | • Vaccinate against rabies , |
| Sheep/Goat | All stages | | • Vaccination & deworming at regular interval.<br>• Vaccinate with PPR, |
| **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**

## (Tirap)

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 31.0-33.0$^0$C, Min Temp: 23.0$^0$C, Wind Speed: 2-4Kmph, Wind Direction: 119-234Degree, Rainfall: 22.0mm. | The possibility of Rainfall is 52.0mm for the next five days. Max Temp: 31.0-34.0$^0$C, Min Temp: 21.0-22.0$^0$C, Cloud Cover: sky will be partly cloudy i.e. 4-7Okta, Max RH: 93-97%, Min RH: 58-67%, Wind Speed: 4-6Kmph, Wind Direction: 149-173Degree. ***Weekly cumulative rainfall : 52.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| **FIELD CROPS** | | | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| **FRUIT CROPS** | | | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| **LIVESTOCKS** | | | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • 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 03795226247/37**

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

**(Upper Siang)**

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 16.0-18.0$^0$C, Min Temp: 10.0-11.0$^0$C, Wind Speed: 3-5Kmph, Wind Direction: 133-175Degree, Rainfall: 30.0mm. | The possibility of Rainfall is 51.0mm for the next five days. Max Temp: 17.0-19.0$^0$C, Min Temp: 11.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 5-6Okta, Max RH: 92-93%, Min RH: 56-66%, Wind Speed: 2-4Kmph, Wind Direction: 129-188Degree. ***Weekly cumulative rainfall : 51.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Dog | All stages | | • Vaccinate against rabies, |
| Rabbits | All stages | Snuffles | • Use broad spectrum antibiotic treatment like Gentamycin, anrofloxcin under proper supervision of veterinary officials |

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

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

## (Upper Subansiri)

No: 45/2014-15/Fri Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 15.0-16.0$^0$C, Min Temp: 9.0-10.0$^0$C, Wind Speed: 4-5Kmph, Wind Direction: 193-250Degree, Rainfall: 69.0mm. | The possibility of Rainfall is 55.0mm for the next five days. Max Temp: 17.0$^0$C, Min Temp: 9.0-10.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 90-93%, Min RH: 63-67%, Wind Speed: 2-4Kmph, Wind Direction: 206-232Degree.<br>***Weekly cumulative rainfall : 55.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| Apple | Fruit Development | | • Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab,<br>• Spray Boron (1g/l),<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta, |

| | | | |
|---|---|---|---|
| | | | • Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval. |
| • **Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37** | | | |

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**Agrometeorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

**ICAR Research Complex for NEH Region, Arunachal Pradesh Centre**

**West Siang, Basar – 791 101**

## (West Kameng)

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 18.0-19.0$^0$C, Min Temp: 11.0-12.0$^0$C, Wind Speed: 2-3Kmph, Wind Direction: 47-222Degree, Rainfall: 72.0mm. | The possibility of Rainfall is 91.0mm for the next five days. Max Temp: 18.0-19.0$^0$C, Min Temp: 11.0-12.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 6-7 Okta, Max RH: 93-95%, Min RH: 66-72%, Wind Speed: 2-4Kmph, Wind Direction: 143-247Degree. |

***Weekly cumulative rainfall : 91.0mm***

## Weather Based Agro-meteorological Advisories Bulletin

| Crop | Stage | Pest/Disease | Precautionary Practices to be followed |
|---|---|---|---|
| Apple | Fruit Development | | • **Spraying should be done only after showers,**<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab<br>• Spray Boron (1g/l)<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| **LIVESTOCKS** | | | |
| **Livestock** | **Stage** | **Pest/Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Day old chick-Maintain warmth by lighting,<br>• Vaccination of birds as per the recommended age,<br>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Provide limited ventilation,<br>• Add multivitamin feeds (More of Vit C) |
| Pigs | New born | Cold | • Vaccinate against swine fever,<br>• Avoid stagnant water near the shed,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Deworming of piglets after 2 months, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |
| Dog | All stages | | • Vaccinate against rabies, |
| Sheep/Goat | All stages | | • Vaccination & deworming at regular interval.<br>• Vaccinate with PPR, |
| **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 Siang)

No: 45/2014-15/Fri Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Rainfall: 57.0mm, Max and min temp varied between 20.0-21.0°C and 13.0-14.0°C respectively. The sky was mainly cloudy *i.e.*6-7Okta; Wind speed: 2-5kmph, Wind direction: 155-184degree, Max RH: 93-95% and Min RH: 62-69%. | The possibility of Rainfall is 49.0mm for next five days. Max and min temp will be varied between 21.0-22.0°C and 14.0-15.0°C respectively. The sky will be mainly cloudy *i.e.* 5-7Okta; Relative humidity will be varied between 91-94% and 58-67% in the morning and afternoon respectively. The wind will be 2-4kmph. The wind will blow from variable direction at 153-184degree.<br>***Weekly cumulative rainfall: 49.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| Apple | Fruit Development | | • Spray Boric Acid 100g / 100lt water and Urea 500 g / 100 lt water at green bud or pink bud stage,<br>• Protection of Scab/ Fungal infection/core rot- spray Mencozeb (600g/ 200 lt water) or Diefenconazole (300 ml/ 200lt water) at pink bub stage. Spray Hexaconazole (100 ml/ 200 lt water) or carbendazime (100 gm/ 200 lt water) after flower shedding or just start of fruit development.<br>• Spray Bavistin (0.5g/l) to control scab,<br>• Spray Boron (1g/l)<br>• Spray 50ml Megister/Megistic in 200 litres of water in case of mite attack is noticed in apple orchards, |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Avoid dampness, litter should be periodically changed,<br>• Provide clean and fresh water daily,<br>• Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days |

| | | | |
|---|---|---|---|
| | | | old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Avoid stagnant water near the shed,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Rabbits | All stages | Snuffles | • Use broad spectrum antibiotic treatment like Gentamycin, anrofloxcin under proper supervision of veterinary officials |
| Goat/Sheep | All stages | Goat pox | • Vaccinate with PPR,<br>• Provide standard feeds,<br>• Vaccination & deworming at regular interval. |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |
| Dog | All stages | | • Vaccinate against rabies, |
| • **Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795226247/37** | | | |

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

**Agro Meteorological Field Unit**
**ICAR, BASAR**

# Integrated Agro-Meteorological Advisory Services

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

**(Anjaw)**

**No: 45/2014-15/Fri** **Dated: 5th September, 2014**

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 15.0-16.0$^0$C, Min Temp: 6.0-7.0$^0$C, Wind Speed: 3-6Kmph, Wind Direction: 99-228Degree, Rainfall: 33.0mm. | The possibility of Rainfall is 63.0mm for the next five days. Max Temp: 15.0-16.0$^0$C, Min Temp: 8.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 6-7Okta, Max RH: 96-97%, Min RH: 68-74%, Wind Speed: 2-4Kmph, Wind Direction: 102-197Degree. ***Weekly cumulative rainfall : 63.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| | | **FIELD CROPS** | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| | | **FRUIT CROPS** | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| | | **LIVESTOCKS** | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Vaccination of birds as per the recommended age,<br>• Avoid dampness, litter should be periodically changed.<br>• Provide clean and fresh water daily.<br>• Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature. |
| Pigs | New born | Cold | • Pig shed/stay should keep dry and avoid dampness during rainy days,<br>• Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Avoid stagnant water near the shed, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals,<br>• Vaccination & deworming at regular interval, |
| Fish | Stocking | - | • 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 03795226247/37**

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**Agrometeorological Field Unit**

# Integrated Agro-Meteorological Advisory Services

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

## (Changlang)

No: 45/2014-15/Fri

Dated: 5th September, 2014

## Agro Advisory Bulletin for the period 6th – 10th September 2014

| Weather summery of the previous week | Weather forecast valid up to 10th September, 2014 |
|---|---|
| Max Temp: 29.0$^0$C, Min Temp: 20.0-21.0$^0$C, Wind Speed: 2-5Kmph, Wind Direction: 95-177Degree, Rainfall: 62.0mm. | The possibility of Rainfall is 84.0mm for the next five days. Max Temp: 24.0-26.0$^0$C, Min Temp: 16.0-17.0$^0$C, Cloud Cover: sky will be mainly cloudy i.e. 5-7 Okta, Max RH: 96-98%, Min RH: 62-70%, Wind Speed: 2-5Kmph, Wind Direction: 94-149Degree. ***Weekly cumulative rainfall : 84.0mm*** |

## Weather Based Agro-meteorological Advisories Bulletin

- **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 |
|---|---|---|---|
| **FIELD CROPS** | | | |
| Kharif Rice (Early transplanted) | Grain filling | Gundhi bug | • Dust with Malathion 5D @ 20kg/ha. Repeat weekly,<br>• Properly maintain the water level in the field, |
| Kharif Rice (Normal transplanted) | Tillering | Blast | • Need based alternate foliar spray of Hexaconazole 5% EC(2ml/l) & Carbendazim 12%WP+Mancozeb 63%WP(2g/l) at 15days interval beginning from first appearance of the disease, |
| Jhum Rice | Harvesting | | • Threshing followed by proper drying for safe storage, |
| **FRUIT CROPS** | | | |
| Lemon/other citrus fruits | Fruiting | Fruit fly/Trunk borer | • Monitor fruit fly population with Methyl eugenol traps,<br>• Spray Malathion (2ml/l) in the early stage to avoid fruit fly infestation,<br>• Drenching of bare soil with Dichlorvos 76 EC @ 4ml/l of water. Repeat weekly till the tree regain its greenery, |
| Pineapple | Fruiting/ Harvesting | | • Clean the vicinity of plants by weeding and loosen up the soil.<br>• Remove sly and use it as a new planting material.<br>• Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. |
| **LIVESTOCKS** | | | |
| **Livestock** | **Stage** | **Disease** | **Precautionary Practices to be followed** |
| Poultry | All stages | | • Vaccination of birds as per the recommended age,<br>• Prevent from Coccidiosis give anti coucidid drops,<br>• Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,<br>• During day time provide proper ventilation,<br>• Add multivitamin feeds (More of Vit C)<br>• Add Amprolium to the ration,<br>Regular check the litter materials to prevent from caking, |
| Pigs | New born/ All stages | Cold | • Vaccinate against swine fever,<br>• Avoid of eating human excreta,<br>• Provide ad libitum water,<br>• Avoid stagnant water near the shed, |
| Cattle | All stages | FMD | • Vaccination of animal with FMD,<br>• Treatment – sick animals, |
| Fish | Stocking | - | • Before stocking, make free the weeds and predators in the pond |
| Dog | All stages | | • Vaccinate against rabies, |
| Sheep/Goat | All stages | | • Vaccination & deworming at regular interval.<br>• Vaccinate with PPR, |

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

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