




## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14 Longleng District

**Bulletin No:47/2014**

| <i>Weather summary of the preceding week</i>   |                         |                | <i>Weather forecast valid upto 25<sup>th</sup> June'14</i>  |
|--|-------------------------|----------------|---|
| <p>Light rain occurred the past week.<br/> <b>Maximum</b> and <b>minimum temperatures</b> ranged from 31<sup>0</sup>C to 33<sup>0</sup>C and 19<sup>0</sup>C to 22<sup>0</sup>C, respectively.<br/> <b>Relative humidity</b> varied from 38% to 92%.<br/> <b>Wind speed</b> ranged from 2 to 3 kmph.</p> |                         |                | <p>There is possibility of light rain the coming week.<br/> <b>Max temp is expected to be around</b> 28<sup>0</sup>C - 33<sup>0</sup>C and <b>min temp is expected to be around</b> 21<sup>0</sup>C to 22<sup>0</sup>C.<br/> <b>Possibility of partly cloudy sky the coming week</b><br/> <b>Relative Humidity</b> will range from 54% to 87%<br/> The <b>wind speed</b> 2 –3 kmph<br/> Wind direction will blow from southeasterly</p> |
| Main Crops   | Stage                   | Pest/ diseases | Agro-meteorological Advisories  |
| <b>Field crops</b>   |                         |                |   |
| <b>Jhum paddy</b>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.   |
| <b>Kharif Maize</b>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.  |
| <b>Horticultural crops</b>   |                         |                |   |
| <b>Mandarin orange</b>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.  |
| <b>Ginger</b>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.  |
| <b>Colocasia</b>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall  |

|  |                  |  |  |   |
|--|------------------|--|--|---|
|  | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.  |
|  | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases  |
|  | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/cucurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |   |
|  | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |   |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |   |




# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

## Mokokchung District

**Bulletin No: 47/2014**

| <i>Weather summary of the preceding week</i>   |                         |                | <i>Weather forecast valid upto 25<sup>th</sup> June'14</i>   |
|--|-------------------------|----------------|--|
| Light rain occurred the past week<br><b>Maximum and minimum temperatures</b> ranged 30 <sup>0</sup> C to 34 <sup>0</sup> C and 18 <sup>0</sup> C to 22 <sup>0</sup> C, respectively.<br><b>Relative humidity</b> varied from 37% to 91%.<br><b>Wind speed</b> ranged from 2 to 3 kmph. |                         |                | There is possibility of light to medium rain the coming week.<br><b>Max temp is expected to be around 29<sup>0</sup>C - 31<sup>0</sup>C</b> and <b>min temp is expected to be around 20<sup>0</sup>C to 22<sup>0</sup>C.</b><br><b>Possibility of partly cloudy sky the coming week</b><br><b>Relative Humidity</b> will range from 57% to 93% and<br><b>Wind speed 2 - 3 kmph</b><br>Wind direction will blow from southeasterly. |
| Main Crops   | Stage                   | Pest/ Diseases | Agro-meteorological Advisories   |
| <b>Field crops</b>   |                         |                |  |
| <i>Jhum paddy</i>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <i>Kharif Maize</i>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b>Horticultural crops</b>   |                         |                |  |
| <i>Mandarin orange</i>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <i>Ginger</i>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <i>Colocasia</i>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall   |

|  |                  |  |  |  |
|--|------------------|--|--|--|
|  | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.   |
|  | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|  | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|  | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> June'14 Mon District

Bulletin No:47/2014


## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29<sup>o</sup>C to 32<sup>o</sup>C and 17<sup>o</sup>C to 21<sup>o</sup>C, respectively.
- Relative humidity varied from 40% to 96%.
- Wind speed ranged from 2 to 3 kmph

## Weather forecast valid upto 25<sup>th</sup> June'14

- Possibility of light rain the coming week.
- The max temp is likely to be 26<sup>o</sup>C - 30<sup>o</sup>C and the min temp 20<sup>o</sup>C - 21<sup>o</sup>C.
- Sky is likely to be partly cloudy the coming week
- Relative Humidity is likely to range from 60% to 92%
- Wind speed may reach upto 2- 3 kmph
- Wind direction will be from southeasterly

| Main Crops                 | Stage                   | Pest/<br>Diseases | Agro-meteorological Advisories   |
|----------------------------|-------------------------|-------------------|--|
| <b>Field crops</b>         |                         |                   |  |
| <b>Jhum paddy</b>          | Maximum tillering stage | Blast disease     | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <b>Kharif Maize</b>        | Vegetative stage        | -                 | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b>Horticultural crops</b> |                         |                   |  |
| <b>Mandarin orange</b>     | -                       | Trunk borer       | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <b>Ginger</b>              | Vegetative stage        | Soft rot          | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <b>Colocasia</b>           | Vegetative stage        | -                 | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall |
| <b>Potato</b>              | Tuber formation stage   |                   | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper  |

|   |                  |  |  |  |
|---|------------------|--|--|--|
|   |                  |  |  | development of tubers and to cover the tubers with soil.   |
|   | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|   | <b>Cucurbits</b> | Flowering stage  | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|   | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|   | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |




## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

### Peren District

**Bulletin No:47/2014**

| <i>Weather summary of the preceding week</i>  |                         |                | <i>Weather forecast valid upto 25<sup>th</sup> June'14</i>  |
|---|-------------------------|----------------|---|
| Light rain occurred the past week.<br><b>Maximum</b> and <b>minimum temperature</b> range from 30 <sup>0</sup> C to 34 <sup>0</sup> C and 19 <sup>0</sup> C to 22 <sup>0</sup> C, respectively.<br><b>Relative humidity</b> varied from 33% to 95%.<br><b>Wind speed</b> ranged from 2 to 4 kmph. |                         |                | There is possibility of medium rain the coming week.<br><b>Max temp is expected to be around</b> 30 <sup>0</sup> C - 33 <sup>0</sup> C and <b>min temp is expected to be around</b> 20 <sup>0</sup> C to 22 <sup>0</sup> C.<br><b>Possibility of partly cloudy sky the coming week</b><br><b>Relative Humidity</b> will range from 55% to 95%<br>The <b>wind speed</b> may reach upto 2 - 4 kmph<br>Wind direction will blow from southerly |
| Main Crops  | Stage                   | Pest/ diseases | Agro-meteorological Advisories  |
| <b>Field crops</b>  |                         |                |   |
| <b>Jhum paddy</b>   | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.   |
| <b>Kharif Maize</b>   | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.  |
| <b>Horticultural crops</b>  |                         |                |   |
| <b>Mandarin orange</b>  | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.  |
| <b>Ginger</b>   | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.  |
| <b>Colocasia</b>  | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall  |

|  |                  |  |  |   |
|--|------------------|--|--|---|
|  | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases  |
|  | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/cucurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |   |
|  | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |   |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |   |






## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

### Phek District

**Bulletin No: 47/2014**

| Weather summary of the preceding week  |                         |                | Weather forecast valid upto 25 <sup>th</sup> June'14  |
|--|-------------------------|----------------|---|
| Light rain occurred the past week<br>Maximum and minimum temperatures ranged from 28 <sup>0</sup> C to 32 <sup>0</sup> C and 16 <sup>0</sup> C to 21 <sup>0</sup> C, respectively.<br>Relative humidity varied from 38% to 95%.<br>Wind speed ranged from 1 to 2 kmph. |                         |                | There is possibility of light rain the coming week.<br>Max temp is expected to be around 27 <sup>0</sup> C - 28 <sup>0</sup> C and min temp is expected to be around 20 <sup>0</sup> C to 21 <sup>0</sup> C.<br>Possibility of partly cloudy sky the coming week<br>Relative Humidity will range from 68% to 95%<br>The wind speed 2- 3 kmph<br>Wind direction will blow from southeasterly |
| Main Crops   | Stage                   | Pest/ Diseases | Agro-meteorological Advisories  |
| <b>Field crops</b>   |                         |                |   |
| <b>Jhum paddy</b>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.   |
| <b>Kharif Maize</b>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.  |
| <b>Horticultural crops</b>   |                         |                |   |
| <b>Mandarin orange</b>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.  |
| <b>Ginger</b>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.  |
| <b>Colocasia</b>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall                      |


|   |                |  |   |  |
|---|----------------|--|---|--|
|  | <b>Potato</b>  | Tuber formation stage  |   | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil. |
|   | <b>Chilli</b>  | Vegetative stage   | - | Monitor the crop at regular intervals for pests and diseases   |
|   | <b>Fishery</b> | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |   |  |
|   | <b>Piggery</b> | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |   |  |
|   | <b>Poultry</b> | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |   |  |



# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14 Tuensang District

**Bulletin No:47/2014**

| <i>Weather summary of the preceding week</i>  |                         | <i>Weather forecast valid upto 25<sup>th</sup> June'14</i>   |  |
|---|-------------------------|--|--|
| Light rain occurred the past week<br>Maximum and minimum temperatures ranged 20 <sup>0</sup> C to 24 <sup>0</sup> C and 12 <sup>0</sup> C to 17 <sup>0</sup> C, respectively.<br>Relative humidity varied from 44% to 96%.<br>Wind speed ranged from 1 to 2 kmph. |                         | There is possibility of no rain the coming week.<br>Max temp is expected to be around 19 <sup>0</sup> C - 20 <sup>0</sup> C and min temp is expected to be around 17 <sup>0</sup> C to 18 <sup>0</sup> C.<br>Possibility of partly cloudy sky the coming week<br>Relative humidity will range from 82% to 95%<br>Wind speed 1– 2 kmph<br>Wind direction will blow from southeasterly |  |
| Main Crops  | Stage                   | Pest/ Diseases   | Agro-meteorological Advisories   |
| <b>Field crops</b>  |                         |  |  |
| <i>Jhum paddy</i>   | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <i>Kharif Maize</i>   | Vegetative stage        | -  | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b>Horticultural crops</b>  |                         |  |  |
| <i>Mandarin orange</i>  | -                       | Trunk borer  | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <i>Ginger</i>   | Vegetative stage        | Soft rot   | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <i>Colocasia</i>  | Vegetative stage        | -  | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall |

|   |                  |  |  |  |
|---|------------------|--|--|--|
|   | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.   |
|   | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|   | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|   | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|   | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |



## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14 Wokha District

**Bulletin No:47/2014**


### *Weather summary of the preceding week*

Light rain occurred the past week.  
Maximum and minimum temperatures ranged from 32<sup>0</sup>C to 33<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.  
Relative humidity varied from 33% to 91%.  
Wind speed ranged from 1 to 2 kmph

### *Weather forecast valid upto 25<sup>th</sup> June'14*

There is possibility of no rain the coming week.  
Max temp is expected to be around 31<sup>0</sup>C - 33<sup>0</sup>C and min temp is expected to be around 21<sup>0</sup>C to 22<sup>0</sup>C.  
Possibility of partly cloudy sky the coming week  
Relative Humidity will range from 53% to 92%  
The wind speed 2- 4 kmph  
Wind direction will blow from southeasterly

| Main Crops                        | Stage                   | Pest/<br>Diseases | Agro-meteorological Advisories   |
|-----------------------------------|-------------------------|-------------------|--|
| <b><i>Field crops</i></b>         |                         |                   |  |
| <b><i>Jhum paddy</i></b>          | Maximum tillering stage | Blast disease     | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <b><i>Kharif Maize</i></b>        | Vegetative stage        | -                 | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b><i>Horticultural crops</i></b> |                         |                   |  |
| <b><i>Mandarin orange</i></b>     | -                       | Trunk borer       | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <b><i>Ginger</i></b>              | Vegetative stage        | Soft rot          | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <b><i>Colocasia</i></b>           | Vegetative stage        | -                 | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall |

|   |                  |  |  |   |
|---|------------------|--|--|---|
|   | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.  |
|   | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases  |
|   | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/cucurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |   |
|   | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |   |
|   | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |   |





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## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

### Zunheboto District

**Bulletin No:47/2014**

| <i>Weather summary of the preceding week</i>   |                         |                | <i>Weather forecast valid upto 25<sup>th</sup> June'14</i>  |
|--|-------------------------|----------------|---|
| Light rain occurred the past week<br>Maximum and minimum temperatures ranged from 28 <sup>o</sup> C to 32 <sup>o</sup> C and 16 <sup>o</sup> C to 21 <sup>o</sup> C, respectively.<br>Relative humidity varied from 37% to 94%.<br>Wind speed ranged from 2 to 3 kmph. |                         |                | There is possibility of no rain the coming week.<br>Max temp is expected to be around 27 <sup>o</sup> C - 29 <sup>o</sup> C and min temp is expected to be around 20 <sup>o</sup> C to 21 <sup>o</sup> C.<br>Possibility of partly cloudy sky the coming week<br>Relative Humidity will range from 65% to 92%<br>The wind speed 2- 3 kmph<br>Wind direction will blow southerly |
| Main Crops   | Stage                   | Pest/ Diseases | Agro-meteorological Advisories  |
| <b>Field crops</b>   |                         |                |   |
| <i>Jhum paddy</i>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.   |
| <i>Kharif Maize</i>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.  |
| <b>Horticultural crops</b>   |                         |                |   |
| <i>Mandarin orange</i>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.  |
| <i>Ginger</i>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.  |
| <i>Colocasia</i>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall          |

|   |                  |  |  |  |
|---|------------------|--|--|--|
|  | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.   |
|   | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|   | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|   | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|   | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|   | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |






## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

### Dimapur District

**Bulletin No:47/2014**

| Weather summary of the preceding week  |                         |                | Weather forecast valid upto 25 <sup>th</sup> June'14   |
|--|-------------------------|----------------|--|
| Light rain occurred the past week.<br>Maximum and minimum temperatures ranged 33 <sup>0</sup> C to 35 <sup>0</sup> C and 22 <sup>0</sup> C to 23 <sup>0</sup> C, respectively.<br>Relative humidity varied from 30% to 91%.<br>Wind speed ranged from 2 to 3 kmph. |                         |                | There is possibility of medium rain the coming week.<br>Max temp is expected to be around 33 <sup>0</sup> C - 37 <sup>0</sup> C and min temp is expected to be around 23 <sup>0</sup> C to 24 <sup>0</sup> C.<br>Possibility of partly cloudy sky the coming week<br>Relative Humidity will range from 44 to 95%<br>Wind speed 3– 4kmph<br>Wind direction will be from southerly |
| Main Crops   | Stage                   | Pest/ diseases | Agro-meteorological Advisories   |
| <b>Field crops</b>   |                         |                |  |
| <b>Jhum paddy</b>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <b>Kharif Maize</b>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b>Horticultural crops</b>   |                         |                |  |
| <b>Mandarin orange</b>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <b>Ginger</b>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <b>Colocasia</b>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall           |
| <b>Chilli</b>  | Vegetative stage        | -              | Monitor the crop at regular intervals for pests and diseases   |

|   |                         |  |  |  |
|---|-------------------------|--|--|--|
|   | <b><i>Cucurbits</i></b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|   | <b><i>Fishery</i></b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|  | <b><i>Piggery</i></b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|   | <b><i>Poultry</i></b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |




# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14

## Kiphire District

**Bulletin No:47/2014**

| Weather summary of the preceding week  |                         |                | Weather forecast valid upto 25 <sup>th</sup> June'14  |
|--|-------------------------|----------------|---|
| <p>Light rain occurred the past week.<br/> <b>Maximum</b> and <b>minimum temperatures</b> ranged from 24<sup>0</sup>C to 30<sup>0</sup>C and 14<sup>0</sup>C to 19<sup>0</sup>C, respectively.<br/> <b>Relative humidity</b> varied from 42% to 97%.<br/> <b>Wind speed</b> ranged from 1 to 2 kmph.</p> |                         |                | <p>There is possibility of light rain the coming week.<br/> <b>Max temp is expected to be around 23<sup>0</sup>C - 25<sup>0</sup>C</b> and <b>min temp is expected to be around 17<sup>0</sup>C to 18<sup>0</sup>C</b>.<br/> <b>Possibility of partly cloudy sky the coming week</b><br/> <b>Relative Humidity</b> will range from 79% to 95%<br/> The <b>wind speed</b> 1- 2 kmph<br/> Wind direction will blow from southeasterly</p> |
| Main Crops   | Stage                   | Pest/ diseases | Agro-meteorological Advisories  |
| <b>Field crops</b>   |                         |                |   |
| <b>Jhum paddy</b>  | Maximum tillering stage | Blast disease  | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.   |
| <b>Kharif Maize</b>  | Vegetative stage        | -              | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.  |
| <b>Horticultural crops</b>   |                         |                |   |
| <b>Mandarin orange</b>   | -                       | Trunk borer    | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.  |
| <b>Ginger</b>  | Vegetative stage        | Soft rot       | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.  |
| <b>Colocasia</b>   | Vegetative stage        | -              | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall  |
| <b>Potato</b>  | Tuber formation stage   |                | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of  |

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|  |                  |  |  | tubers and to cover the tubers with soil.  |
|  | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|  | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|  | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |




## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> June'14 Kohima District

Bulletin No:47/2014

| Weather summary of the preceding week   |                         |                   | Weather forecast valid upto 25 <sup>th</sup> June'14   |
|---|-------------------------|-------------------|--|
| <p>Light rain occurred the past week.<br/>Maximum and minimum temperatures ranged from 27<sup>0</sup>C to 28<sup>0</sup>C and 16<sup>0</sup>C to 17<sup>0</sup>C, respectively.<br/>Relative humidity varied from 33% to 92%.<br/>Wind speed ranged from 1 to 2 kmph.</p> |                         |                   | <p>There is possibility of medium rain the coming week.<br/>Max temp is expected to be around 27<sup>0</sup>C - 30<sup>0</sup>C and min temp is expected to be around 18<sup>0</sup>C to 20<sup>0</sup>C.<br/>Possibility of partly cloudy sky the coming week<br/>Relative Humidity will range from 59% to 94%<br/>Wind speed 1- 2 kmph<br/>Wind direction will blow from southerly</p> |
| Main Crops  | Stage                   | Pest/<br>Diseases | Agro-meteorological Advisories   |
| <b>Field crops</b>  |                         |                   |  |
| <i>Jhum paddy</i>   | Maximum tillering stage | Blast disease     | Daily scouting should be done for blast and immediately preventive fungicide application should be carried out.<br>If infestation is high, spray carbendazim, @ 0.1%.  |
| <i>Kharif Maize</i>   | Vegetative stage        | -                 | As medium rain has occurred the past few days weeding followed by earthing up should be carried out.   |
| <b>Horticultural crops</b>  |                         |                   |  |
| <i>Mandarin orange</i>  | -                       | Trunk borer       | Remove the wooden frass present in between the joints of the tree trunk and insert a cotton wad soaked in petrol or kerosene at 10 ml/tunnel or inject 5 ml of 0.1 % dichlorvos or 0.02% monocrotophos with a plastic injection syringe and sealed it with clay.   |
| <i>Ginger</i>   | Vegetative stage        | Soft rot          | Monitor the plants against soft rot. Proper earthing up should be done as water stagnation is favorable for the development of the disease.<br>Care should be taken as drainage or runoff water flowing across the diseased plot also carries fungal spores to a non-contaminated plot at the lower elevation.   |
| <i>Colocasia</i>  | Vegetative stage        | -                 | Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall                   |



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|--|------------------|--|--|--|
|  | <b>Potato</b>    | Tuber formation stage  |  | Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.   |
|  | <b>Chilli</b>    | Vegetative stage   | -  | Monitor the crop at regular intervals for pests and diseases   |
|  | <b>Cucurbits</b> | Vegetative stage   | Leaf eating caterpillars and fruit flies | <b>Leaf eating caterpillars and fruit flies</b> need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly. |
|  | <b>Fishery</b>   | As the monsoon has been delayed, the farmers are advised to culture short duration carp species, indigenous fishes in shallow water areas in enclosures.   |  |  |
|  | <b>Piggery</b>   | Vaccination against <b>Foot and Mouth disease</b> in pig should be done. Prior to vaccination, deworm all your animals with appropriate anti-helmentic drugs one week before vaccinating your animals.   |  |  |
|  | <b>Poultry</b>   | Farmers are advised to provide sufficient water to the birds with sufficient spacing facilities for maintenance of optimal temperature required for egg production (layers) and also to broilers (meat). |  |  |