



# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Dimapur District

**Bulletin No:02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week.  
**Maximum** and **minimum temperatures** ranged 22<sup>0</sup>C to 24<sup>0</sup>C and 12<sup>0</sup>C to 13<sup>0</sup>C, respectively.  
**Relative humidity** varied from 55% to 86%.  
**Wind speed** ranged from 2 to 3kmph.

There will be no rain the coming week  
**Max. temp.** range from 22<sup>0</sup>C - 24<sup>0</sup>C and **min temp** 12<sup>0</sup>C - 13<sup>0</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 55% to 86% and  
**Wind speed** 3– 6 kmph  
**Wind direction** will be from westerly to easterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ diseases | Agricultural Advisories                                                                                                                                                                                                  |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period |
| <i>Tomato</i>        | Flowering stage                                                                                                                                                                                                               | -              | The forecast suggests mainly dry weather conditions. Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages.                                                         |
| <i>Pea</i>           | Fruiting stage                                                                                                                                                                                                                |                | Light irrigation through drip or channel.. Proper trellis system should be developed                                                                                                                                     |
| <i>Mustard</i>       | Podding stage                                                                                                                                                                                                                 |                | Irrigation at flowering or at early siliqua formation stage helps to increase the yield.                                                                                                                                 |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                          |
| <i>Livestock</i>     | Milk yield decreases markedly if temperature is less than 5 <sup>0</sup> C or more than 27 <sup>0</sup> C. The decrease is more marked in high humidity.                                                                      |                |                                                                                                                                                                                                                          |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                          |
| <i>Fishery</i>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                          |

ICAR RESEARCH COMPLEX FOR NEH REGION  
 (Indian Council of Agricultural Research)  
 NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA





# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Kiphire District

**Bulletin No:02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week.  
**Maximum** and the **minimum temperatures** ranged from 17<sup>0</sup>C to 19<sup>0</sup>C and 7<sup>0</sup>C to 8<sup>0</sup>C, respectively.  
**Relative humidity** varied from 49% to 95%.  
**Wind speed** ranged from 2 to 3 kmph.

There will no rain the coming week  
 The **maximum temp** range 17<sup>0</sup>C - 19<sup>0</sup>C and the **minimum temp** 5<sup>0</sup>C to 7<sup>0</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 49% to 95%  
 The **wind speed** 2 - 4 kmph  
 Wind direction will blow from westerly to southeasterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ diseases | Agricultural Advisories                                                                                                                                                                                                  |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland paddy</b> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period |
| <b>Banana</b>        | Growth stage                                                                                                                                                                                                                  | -              | If temperature goes below 10 <sup>0</sup> C, growth of the plant is affected. Under such circumstances, irrigation is to be provided at night or smoking is to be done by inducing fire.                                 |
| <b>Tomato</b>        | Growth stage                                                                                                                                                                                                                  | -              | Light irrigation should be done through channel.                                                                                                                                                                         |
| <b>French bean</b>   | Harvesting stage                                                                                                                                                                                                              | -              | Tender pods should be harvested at marketable maturity and at regular intervals.                                                                                                                                         |
| <b>Piggery</b>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                          |
| <b>Poultry</b>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                          |
| <b>Fishery</b>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                          |

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# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Kohima District

**Bulletin No:02/2013**

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| <i>Weather summary of the preceding week</i>                                                                                                                                                                                                                                                   | <i>Weather forecast valid upto 9<sup>th</sup> Jan'13</i>                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No rain occurred the past week.<br><b>Maximum</b> and <b>minimum temperatures</b> ranged from 19 <sup>0</sup> C to 21 <sup>0</sup> C and 8 <sup>0</sup> C to 9 <sup>0</sup> C, respectively.<br><b>Relative humidity</b> varied from 63% to 85%.<br><b>Wind speed</b> ranged from 3 to 4 kmph. | There will no rain the coming week<br>The <b>max temp</b> ranged 19 <sup>0</sup> C - 21 <sup>0</sup> C and the <b>min temp</b> 8 <sup>0</sup> C - 9 <sup>0</sup> C.<br><b>Sky will be clear the coming week.</b><br><b>Relative Humidity</b> will range from 63% to 89%<br><b>Wind speed</b> 3 - 4 kmph<br><b>Wind direction</b> will blow from south easterly |

| Main Crops           | Stage                                                                                                                                                                                                                                                                                                        | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                             |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                                                                                                      | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period            |
| <i>Cabbage</i>       | Head formation stage                                                                                                                                                                                                                                                                                         | Cutworm        | They hide during the daytime and feed at night and cause damage by biting the foliage and by cutting down the young seedlings just above the ground level. The larva should be picked and destroyed at the early stage of the crop. |
| <i>Tomato</i>        | Flowering stage                                                                                                                                                                                                                                                                                              | -              | The forecast suggests mainly dry weather conditions. Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages.                                                                    |
| <i>Colocasia</i>     | Harvesting stage                                                                                                                                                                                                                                                                                             | -              | Repeated planting of colocasia should be avoided on the same piece of land as it will enhance the disease incidence.                                                                                                                |
| <i>Piggery</i>       | Young animals should be provided with straw bedding and the bedding should be changed regularly.                                                                                                                                                                                                             |                |                                                                                                                                                                                                                                     |
| <i>Poultry</i>       | Continuous light of 24hr a day stimulates early egg production and fowls may lay eggs throughout the year without interruption.                                                                                                                                                                              |                |                                                                                                                                                                                                                                     |
| <i>Fishery</i>       | If you have only enough water to fill part of your pond, do not drain out all of the water. Drain only part of it. But if you have enough good water to fill the pond again, it is best to drain all of the water. Then you will be sure to catch all of the fish and you can clean the bottom of your pond. |                |                                                                                                                                                                                                                                     |





# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Longleng District

**Bulletin No:02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week.  
**Maximum** and **minimum temperatures** ranged from 20<sup>0</sup>C to 21<sup>0</sup>C and 11<sup>0</sup>C to 12<sup>0</sup>C, respectively.  
**Relative humidity** varied from 65% to 95%.  
**Wind speed** ranged from 2 to 4 kmph.

There will be no rain the coming week  
**Maximum temp** range 20<sup>0</sup>C - 21<sup>0</sup>C and **minimum temp** 11<sup>0</sup>C to 12<sup>0</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 65% to 89%  
**The wind speed** 2 –4kmph  
**Wind direction** will blow from southeasterly to easterly

**Main Crops**

**Stage**

**Pest/  
diseases**

**Agricultural Advisories**

**Wetland paddy**

Storage

-

Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period

**Banana**

Vegetative stage

-

If temperature goes below 10<sup>0</sup> C, growth of the plant is affected. Under such circumstances, irrigation is to be provided at night or smoking is to be done by inducing fire.

**Tomato**

Flowering stage

-

Light irrigation should be done through channel.

**Piggery**

Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly

**Poultry**

Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases

**Fishery**

If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
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**NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA**





# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Mokokchung District

**Bulletin No: 02/2013**

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
 (Indian Council of Agricultural Research)  
**NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA**

### Weather summary of the preceding week

No rain occurred the past week  
**Maximum and minimum temperatures** ranged 20<sup>0</sup>C to 21<sup>0</sup>C and 8<sup>0</sup>C to 10<sup>0</sup>C, respectively.  
**Relative humidity** varied from 59% to 90%.  
**Wind speed** ranged from 2 to 5 kmph.

### Weather forecast valid upto 9<sup>th</sup> Jan'13

There will be no rain the coming week  
 The **max temp** range 19<sup>0</sup>C - 20<sup>0</sup>C and the **min temp** 7<sup>0</sup>C to 11<sup>0</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 57% to 90% and  
**Wind speed** 2 - 3 kmph  
 Wind direction will blow from southeasterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period            |
| <i>Tomato</i>        | Flowering stage                                                                                                                                                                                                               | -              | Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages.                                                                                                                         |
| <i>Cabbage</i>       | Head formation stage                                                                                                                                                                                                          | Cutworm        | They hide during the daytime and feed at night and cause damage by biting the foliage and by cutting down the young seedlings just above the ground level. The larva should be picked and destroyed at the early stage of the crop. |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                                     |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                                     |
| <i>Fishery</i>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                                     |





# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> Jan'13 Mon District

**Bulletin No:02/2013**

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
 (Indian Council of Agricultural Research)  
**NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA**

| <i>Weather summary of the preceding week</i>                                                                                                                                                                                                                    |                                                                                                                                                                                                                               | <i>Weather forecast valid upto 9<sup>th</sup> Jan '13</i>                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No rain occurred the past week.<br>Maximum and minimum temperatures ranged 18 <sup>0</sup> C to 20 <sup>0</sup> C and 11 <sup>0</sup> C to 12 <sup>0</sup> C, respectively.<br>Relative humidity varied from 69% to 83%.<br>Wind speed ranged from 2 to 3 kmph. |                                                                                                                                                                                                                               | There will be no rain the coming week<br>The max temp range from 17 <sup>0</sup> C - 19 <sup>0</sup> C and the min temp 8 <sup>0</sup> C - 9 <sup>0</sup> C.<br>Sky will be clear the coming days.<br>Relative Humidity will range from 59% to 78%<br>Wind speed 2 – 4kmph<br>Wind direction will be from southerly |                                                                                                                                                                                                                                     |
| Main Crops                                                                                                                                                                                                                                                      | Stage                                                                                                                                                                                                                         | Pest/<br>Diseases                                                                                                                                                                                                                                                                                                   | Agricultural Advisories                                                                                                                                                                                                             |
| <i>Wetland paddy</i>                                                                                                                                                                                                                                            | Storage                                                                                                                                                                                                                       | -                                                                                                                                                                                                                                                                                                                   | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period            |
| <i>Mustard</i>                                                                                                                                                                                                                                                  | Flowering stage                                                                                                                                                                                                               | -                                                                                                                                                                                                                                                                                                                   | No rain is forecasted the coming five days too, therefore light irrigation should be provided.                                                                                                                                      |
| <i>Soybean</i>                                                                                                                                                                                                                                                  | Storage                                                                                                                                                                                                                       | -                                                                                                                                                                                                                                                                                                                   | Cleaned seed should be sun dried for a day or two to bring the seed moisture content below 14 per cent.                                                                                                                             |
| <i>Cabbage</i>                                                                                                                                                                                                                                                  | Head formation stage                                                                                                                                                                                                          | Cutworm                                                                                                                                                                                                                                                                                                             | They hide during the daytime and feed at night and cause damage by biting the foliage and by cutting down the young seedlings just above the ground level. The larva should be picked and destroyed at the early stage of the crop. |
| <i>Piggery</i>                                                                                                                                                                                                                                                  | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |
| <i>Poultry</i>                                                                                                                                                                                                                                                  | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |
| <i>Fishery</i>                                                                                                                                                                                                                                                  | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |





# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Peren District

**Bulletin No:02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week.  
**Maximum** and **minimum temperatures** ranged from 19<sup>o</sup>C to 21<sup>o</sup>C and 8<sup>o</sup>C to 9<sup>o</sup>C, respectively.  
**Relative humidity** varied from 62% to 86%.  
**Wind speed** ranged from 2 to 4 kmph.

There will be no rain the coming week  
 The **maximum temp** range 19<sup>o</sup>C - 21<sup>o</sup>C and the **minimum temp** 8<sup>o</sup>C to 9<sup>o</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 62% to 94%  
 The **wind speed** 2- 5kmph  
 Wind direction will blow from southerly to southeasterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ diseases | Agricultural Advisories                                                                                                                                                                                                  |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period |
| <i>Tomato</i>        | Flowering stage                                                                                                                                                                                                               | -              | The prevailing temperature is favorable for the growth of tomato                                                                                                                                                         |
| <i>Mustard</i>       | Fruiting stage                                                                                                                                                                                                                | -              | Irrigation at early siliqua formation stage helps to increase the yield.                                                                                                                                                 |
| <i>Banana</i>        | Vegetative stage                                                                                                                                                                                                              | -              | If temperature goes below 10 <sup>o</sup> C, growth of the plant is affected. Under such circumstances, irrigation is to be provided at night or smoking is to be done by inducing fire.                                 |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                          |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                          |
| <i>Fishery</i>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                          |

ICAR RESEARCH COMPLEX FOR NEH REGION  
 (Indian Council of Agricultural Research)  
 NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA





# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Phek District

**Bulletin No: 02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week.  
**Maximum** and **minimum temperatures** ranged from 16<sup>0</sup>C to 17<sup>0</sup>C and 6<sup>0</sup>C to 11<sup>0</sup>C, respectively.  
**Relative humidity** varied from 54% to 91%.  
**Wind speed** ranged from 2 to 4 kmph.

There will be no rain the coming week  
The **maximum temp** range 15<sup>0</sup>C - 17<sup>0</sup>C and the **minimum temp** 9<sup>0</sup>C to 10<sup>0</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 54% to 91%  
The **wind speed** 1 - 2 kmph  
Wind direction will blow from westerly to easterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland paddy</b> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period.           |
| <b>Banana</b>        | Growth stage                                                                                                                                                                                                                  | -              | If temperature goes below 10 <sup>0</sup> C, growth of the plant is affected. Under such circumstances, irrigation is to be provided at night or smoking is to be done by inducing fire.                                            |
| <b>Colocasia</b>     | Harvesting stage                                                                                                                                                                                                              | -              | Repeated planting of colocasia should be avoided on the same piece of land as it will enhance the disease incidence.                                                                                                                |
| <b>Tomato</b>        | Flowering stage                                                                                                                                                                                                               | -              | It is advisable to rotate the crops and avoid monocropping. Especially, monocropping of tomato and brinjal is not advocated.                                                                                                        |
| <b>Cabbage</b>       | Head formation stage                                                                                                                                                                                                          | Cutworm        | They hide during the daytime and feed at night and cause damage by biting the foliage and by cutting down the young seedlings just above the ground level. The larva should be picked and destroyed at the early stage of the crop. |
| <b>Fishery</b>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                                     |
| <b>Piggery</b>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                                     |
| <b>Poultry</b>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                                     |

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
 (Indian Council of Agricultural Research)  
**NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA**







# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Tuensang District

**Bulletin No:02/2013**

| <i>Weather summary of the preceding week</i>                                                                                                                                                                                                                                           | <i>Weather forecast valid upto 9<sup>th</sup> Jan'13</i>                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>No rain occurred the past week<br/> <b>Maximum and minimum temperatures</b> ranged 17<sup>0</sup>C to 19<sup>0</sup>C and 5<sup>0</sup>C to 8<sup>0</sup>C, respectively.<br/> <b>Relative humidity</b> varied from 51% to 92%.<br/> <b>Wind speed</b> ranged from 2 to 3 kmph.</p> | <p>There will be no rain the coming week<br/> The <b>max temp</b> range 16<sup>0</sup>C - 18<sup>0</sup>C and the <b>min temp</b> 5<sup>0</sup>C to 8<sup>0</sup>C.<br/> <b>Sky will be clear the coming days.</b><br/> <b>Relative Humidity</b> will range from 48% to 92% and<br/> <b>Wind speed</b> 2 - 5 kmph<br/> <b>Wind direction</b> will blow from southerly to westerly</p> |

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                                                                                |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period                                                               |
| <i>Colocasia</i>     | Harvesting stage                                                                                                                                                                                                              | Leaf blight    | Repeated planting of colocasia should be avoided on the same piece of land as it will enhance the disease incidence.                                                                                                                                                                   |
| <i>Pea</i>           | Harvesting stage                                                                                                                                                                                                              | -              | Pea crop is in the pod filling stage, pod borer is more serious on green pods especially at the stage of maturity. The caterpillars bore into the pods and feed on the seeds. Handpicking of the caterpillar and pupae during the early stages of infestation reduces the pest damage. |
| <i>Cabbage</i>       | Head formation stage                                                                                                                                                                                                          | Cutworm        | They hide during the daytime and feed at night and cause damage by biting the foliage and by cutting down the young seedlings just above the ground level. The larva should be picked and destroyed at the early stage of the crop.                                                    |
| <i>Mustard</i>       | Flowering stage                                                                                                                                                                                                               | Aphid          | Destroy crop remnants immediately after harvest and remove or control alternate hosts, including <u>mustards</u> and related weeds, around field borders. Roguing of infested plants from the field can be effective early in the crop cycle.                                          |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                                                                                        |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                                                                                        |

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
 (Indian Council of Agricultural Research)  
**NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA**



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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b><i>Fishery</i></b> | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks. |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|



# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Wokha District

**Bulletin No:02/2013**

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
 (Indian Council of Agricultural Research)  
**NAGALAND CENTER, JHARNAPANI, MEDZICHEMA**

| <i>Weather summary of the preceding week</i>                                                                                                                                                                                                                        | <i>Weather forecast valid upto 9<sup>th</sup> Jan '13</i>                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No rain occurred the past week.<br>Maximum and minimum temperatures ranged from 21 <sup>0</sup> C to 22 <sup>0</sup> C and 10 <sup>0</sup> C to 11 <sup>0</sup> C, respectively.<br>Relative humidity varied from 66% to 95%.<br>Wind speed ranged from 3 to 4 kmph | There will be no rain the coming week<br>The max temp 20 <sup>0</sup> C - 21 <sup>0</sup> C and min temp 9 <sup>0</sup> C - 10 <sup>0</sup> C.<br>Sky will be clear the coming days.<br>Relative Humidity will range from 55% to 90%<br>The wind speed 3 – 4 kmph<br>Wind direction will blow from southeasterly |

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                  |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period |
| <i>Colocasia</i>     | Harvesting stage                                                                                                                                                                                                              | -              | Repeated planting of colocasia should be avoided on the same piece of land as it will enhance the disease incidence.                                                                                                     |
| <i>Tomato</i>        | Flowering stage                                                                                                                                                                                                               | -              | The forecast suggests mainly dry weather conditions. Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages.                                                         |
| <i>Fishery</i>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                          |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                          |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                          |







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# Integrated Agromet Advisory Service Bulletin 5<sup>th</sup> to 9<sup>th</sup> Jan'13

## Zunheboto District

**Bulletin No:02/2013**

*Weather summary of the preceding week*

*Weather forecast valid upto 9<sup>th</sup> Jan'13*

No rain occurred the past week  
**Maximum and minimum temperatures** ranged from 17<sup>o</sup>C to 18<sup>o</sup>C and 7<sup>o</sup>C to 11<sup>o</sup>C, respectively.  
**Relative humidity** varied from 55% to 86%.  
**Wind speed** ranged from 2 to 3 kmph.

There will be no rain the coming week  
The **maximum temp** range 16<sup>o</sup>C - 17<sup>o</sup>C and the **minimum temp** 9<sup>o</sup>C to 10<sup>o</sup>C.  
**Sky will be clear the coming days.**  
**Relative Humidity** will range from 51% to 89%  
The **wind speed** 2- 4 kmph  
Wind direction will blow from southerly to southeasterly

| Main Crops           | Stage                                                                                                                                                                                                                         | Pest/ Diseases | Agricultural Advisories                                                                                                                                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Wetland paddy</i> | Storage                                                                                                                                                                                                                       | -              | Rice should be stored in gunny sacks on wooden platforms that allow free passage of air between grain sacks and the floor. Low temperature and low moisture content are necessary for storing rice grain for long period                |
| <i>Mustard</i>       | Podding stage                                                                                                                                                                                                                 | -              | Irrigation at early siliqua formation stage helps to increase the yield.                                                                                                                                                                |
| <i>Tomato</i>        | Growth stage                                                                                                                                                                                                                  | -              | Monocropping helps in the sustenance of insect pests throughout the year and aids in great damage by them. It is advisable to rotate the crops and avoid monocropping. Especially, monocropping of tomato and brinjal is not advocated. |
| <i>Soybean</i>       | Harvesting stage                                                                                                                                                                                                              | -              | Cleaned seed should be sun dried for a day or two to bring the seed moisture content below 14 per cent.                                                                                                                                 |
| <i>Piggery</i>       | Keep the sty doors closed and only allow essential personnel to enter, equipments should be cleaned and disinfected, vehicle movement should be restricted and vehicles that enter the farm yard should be cleaned thoroughly |                |                                                                                                                                                                                                                                         |
| <i>Poultry</i>       | Good ventilation provides a comfortable environment; too dusty environment irritates the respiratory tract of the chicks. Besides dust is one of the vehicles of transmission of diseases                                     |                |                                                                                                                                                                                                                                         |
| <i>Fishery</i>       | If you see your fish coming to the surface gasping for air, give them less food and do not use any fertilizer for several weeks.                                                                                              |                |                                                                                                                                                                                                                                         |

**ICAR RESEARCH COMPLEX FOR NEH REGION**  
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