



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13

## Dimapur District

Bulletin No:66/2013

### Weather summary of the preceding week

Light to moderate rain occurred the past week.  
**Maximum** and **minimum temperatures** ranged 30<sup>0</sup>C to 33<sup>0</sup>C and 21<sup>0</sup>C to 23<sup>0</sup>C, respectively.  
**Relative humidity** varied from 49% to 97%.  
**Wind speed** ranged from 3 to 4 kmph.

### Weather forecast valid upto 4<sup>th</sup> Sept'13

There is possibility of light to moderate rain the coming week. Next five days ,a total rainfall of 70 mm is expected  
**Max temp is expected to be around** 28<sup>0</sup>C - 32<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 mainly cloudy sky the coming week**  
**Relative Humidity** will range from 49% to 96% and  
**Wind speed** 4– 5 kmph  
**Wind direction** will be from southerly to southeasterly

### Main Crops

### Stage

### Pest/ diseases

### Agro-meteorological Advisories

### Field crops

#### Upland Rice

Hard dough development stage

Stem borer

Grown up plant whole panicle affected by stem borer becomes dried “white ear”.  
 Harvest the crop upto the ground level and disturb the stubbles.

#### Lowland rice

Inflorescence emergence stage

Sheath blight

Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.

### Horticultural crops

#### Ginger

Vegetative stage

Rhizome rot

Farmers are advised to monitor the ginger against rhizome rot. Leaves of the affected plants become yellow, water soaked appearance found at the base of pseudo stem and rotting take place at the basal portion. The affected rhizomes become soft, pulpy and plant easily collapse on pressing.

#### Citrus

Fruiting to harvesting stage

Leaf miner

**For citrus orchards (less than 4 years old)-** Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.

#### Brinjal

Fruiting and harvesting stage

-

Damaged portion of the plants and fruits should be removed and destroyed.

#### Okra

harvesting stage

-


Crop rotation should be carried out

#### Chilli

fruiting stage

Chilli trips

Rogue out the infested plants.


	<b><i>Cucurbits</i></b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
	<b><i>Livestock</i></b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.		
	<b><i>Fishery</i></b>	<p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p>		



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Kiphire District

Bulletin No:66/2013

Weather summary of the preceding week			Weather forecast valid upto 4 <sup>th</sup> sept'13
<p>Light rain occurred the past week.  <b>Maximum</b> and <b>minimum temperatures</b> ranged from 22<sup>0</sup>C to 26<sup>0</sup>C and 17<sup>0</sup>C to 19<sup>0</sup>C, respectively.  <b>Relative humidity</b> varied from 79% to 97%.  <b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Next five days, a total rainfall of 30mm is expected  <b>Max temp is expected to be around</b> 21<sup>0</sup>C - 22<sup>0</sup>C and <b>min temp is expected to be around</b> 17<sup>0</sup>C to 18<sup>0</sup>C.  <b>Possibility of mainly cloudy sky the coming week</b>  <b>Relative Humidity</b> will range from 78% to 98%  The <b>wind speed</b> 2- 4 kmph  Wind direction will blow from westerly to southerly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
<b>Livestock</b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		

	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.
	<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13

## Kohima District

Bulletin No:66/2013


### Weather summary of the preceding week

Light to moderate rain occurred the past week.  
Maximum and minimum temperatures ranged from 24<sup>0</sup>C to 30<sup>0</sup>C and 17<sup>0</sup>C to 20<sup>0</sup>C, respectively.  
Relative humidity varied from 57% to 98%.  
Wind speed ranged from 2 to 3 kmph.

### Weather forecast valid upto 4<sup>th</sup> Sept'13

There is possibility of light to moderate rain the coming week.  
Next five days , a total rainfall of 69 mm is expected  
Max temp is expected to be around 25<sup>0</sup>C - 28<sup>0</sup>C and min temp is expected to be around 17<sup>0</sup>C to 18<sup>0</sup>C.  
Possibility of mainly cloudy sky the coming week  
Relative Humidity will range from 55% to 98%  
Wind speed 2- 3 kmph  
Wind direction will blow from southwesterly to southerly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Citrus</b>	Fruiting to harvesting stage	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.

	<b><i>Livestock</i></b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.
	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.
	<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.



## Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Longleng District

**Bulletin No:66/2013**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4<sup>th</sup> Sept'13</i>
<p>Light to moderate rain occurred the past week.  <b>Maximum</b> and <b>minimum temperatures</b> ranged from 27<sup>0</sup>C to 30<sup>0</sup>C and 20<sup>0</sup>C to 22<sup>0</sup>C, respectively.  <b>Relative humidity</b> varied from 64% to 94%.  <b>Wind speed</b> ranged from 3 to 4 kmph.</p>			<p>There is possibility of light to heavy rain the coming week. Next five days , a total rainfall of 68mm is expected  <b>Max temp is expected to be around</b> 24<sup>0</sup>C - 28<sup>0</sup>C and <b>min temp is expected to be around</b> 20<sup>0</sup>C to 21<sup>0</sup>C.  <b>Possibility of mainly cloudy sky the coming week</b>  <b>Relative Humidity</b> will range from 63% to 97%  The <b>wind speed</b> 2 –4 kmph  Wind direction will blow from southwesterly to easterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	-	Farmers are advised to remove the infected plants from the field and crop rotation should be carried out with non cruciferous crops once in a year.
<b>Livestock</b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
<b>Poultry</b>	Drinking water must be available at all times. It should be fresh and free from contamination.		



	<b><i>Fishery</i></b>	<p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p>




# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13

## Mokokchung District

Bulletin No: 66/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4<sup>th</sup> Sept'13</i>
<p>Light rain occurred the past week  <b>Maximum and minimum temperatures</b> ranged 28<sup>0</sup>C to 30<sup>0</sup>C and 20<sup>0</sup>C to 22<sup>0</sup>C , respectively.  <b>Relative humidity</b> varied from 64% to 97%.  <b>Wind speed</b> ranged from 3 to 4 kmph.</p>			<p>There is possibility of light to heavy rain the coming week. Next five days,a total rainfall of 74 mm is expected  <b>Max temp is expected to be around</b> 25<sup>0</sup>C - 29<sup>0</sup>C and <b>min temp is expected to be around</b> 19<sup>0</sup>C to 20<sup>0</sup>C.  <b>Possibility of mainly cloudy sky the coming week</b>  <b>Relative Humidity</b> will range from 63% to 96% and  <b>Wind speed</b> 3 – 4 kmph  Wind direction will blow from southwesterly to southeasterly.</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “ <b>white ear</b> ”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Citrus</b>	Fruiting to harvesting stage	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
<b>Livestock</b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		


	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.
	<b><i>Fishery</i></b>	<p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p>



## Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Mon District

**Bulletin No:66/2013**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4<sup>th</sup> Sept '13</i>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 26<sup>0</sup>C to 29<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 68% to 98%.</li> <li>Wind speed ranged from 2 to 4 kmph.</li> </ul>			<ul style="list-style-type: none"> <li>Possibility of light to heavy rain the next five days, a total rainfall of 50mm is expected</li> <li>The max temp is likely to be 23<sup>0</sup>C - 27<sup>0</sup>C and the min temp 19<sup>0</sup>C - 20<sup>0</sup>C.</li> <li>Sky is likely to be mainly cloudy sky the coming week</li> <li>Relative Humidity is likely to range from 66% to 98%</li> <li>Wind speed may reach upto 2- 4 kmph</li> <li>Wind direction will be from southwesterly to easterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<i>Upland Rice</i>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “ <b>white ear</b> ”. Harvest the crop upto the ground level and disturb the stubbles.
<i>Lowland rice</i>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<i>Ginger</i>	Vegetative stage	-	Proper monitoring of the field should be done against pest and diseases.
<i>Brinjal</i>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<i>Okra</i>	harvesting stage	-	Crop rotation should be carried out
<i>Chilli</i>	fruiting stage	Chilli trips	Rogue out the infested plants.
<i>Cucurbits</i>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
<i>Livestock</i>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		

	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.
	<b><i>Fishery</i></b>	<p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p>



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13

## Peren District

**Bulletin No:66/2013**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4<sup>th</sup> sept'13</i>
<p>Light to moderate rain occurred the past week.  <b>Maximum</b> and <b>minimum temperature</b> range from 29<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.  <b>Relative humidity</b> varied from 56% to 97%.  <b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 60 mm is expected  <b>Max temp is expected to be around</b> 26<sup>0</sup>C - 30<sup>0</sup>C and <b>min temp is expected to be around</b> 19<sup>0</sup>C to 20<sup>0</sup>C.  <b>Possibility of mainly cloudy sky the coming week</b>  <b>Relative Humidity</b> will range from 56% to 97%  The <b>wind speed</b> may reach upto 3 - 4 kmph  Wind direction will blow from southwesterly to southerly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “ <b>white ear</b> ”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>King chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
<b>Livestock</b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		



<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.
<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Phek District

**Bulletin No: 66/2013**


## *Weather summary of the preceding week*

Light to moderate rain occurred the past week  
Maximum and minimum temperatures ranged from 25<sup>0</sup>C to 28<sup>0</sup>C and 19<sup>0</sup>C to 20<sup>0</sup>C, respectively.  
Relative humidity varied from 69% to 98%.  
Wind speed ranged from 2 to 4 kmph.

## *Weather forecast valid upto 4<sup>th</sup> sept'13*

There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 42 mm is expected  
Max temp is expected to be around 24<sup>0</sup>C - 27<sup>0</sup>C and min temp is expected to be around 18<sup>0</sup>C to 19<sup>0</sup>C.  
Possibility of mainly cloudy sky the coming week  
Relative Humidity will range from 68% to 96%  
The wind speed 3- 4 kmph  
Wind direction will blow from southwesterly to southerly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b><i>Field crops</i></b>			
<b><i>Upland Rice</i></b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b><i>Lowland rice</i></b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b><i>Horticultural crops</i></b>			
<b><i>Citrus</i></b>	Fruiting to harvesting stage	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.
<b><i>Brinjal</i></b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b><i>Okra</i></b>	harvesting stage	-	Crop rotation should be carried out

	<b><i>Chilli</i></b>	fruiting stage	Chilli trips	Rogue out the infested plants.
	<b><i>Cucurbits</i></b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
	<b><i>Livestock</i></b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.		
	<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.		




# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13

## Tuensang District

**Bulletin No:66/2013**

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 4<sup>th</sup> Sept'13</i>	
Light rain occurred the past week Maximum and minimum temperatures ranged 19 <sup>0</sup> C to 22 <sup>0</sup> C and 16 <sup>0</sup> C to 17 <sup>0</sup> C, respectively. Relative humidity varied from 82% to 98%. Wind speed ranged from 2 to 4 kmph.		There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 44 mm is expected Max temp is expected to be around 19 <sup>0</sup> C - 21 <sup>0</sup> C and min temp is expected to be around 16 <sup>0</sup> C to 17 <sup>0</sup> C. Possibility of mainly cloudy sky the coming week Relative humidity will range from 81% to 98% and Wind speed 2 – 3 kmph Wind direction will blow from westerly to southerly	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.

	<b><i>Citrus</i></b>	Fruiting to harvesting stage	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.
	<b><i>Ginger</i></b>	Vegetative stage	-	Proper monitoring of the field should be done against pest and diseases.
	<b><i>Livestock</i></b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.		
	<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.		



# Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Wokha District

**Bulletin No:66/2013**


## *Weather summary of the preceding week*

Light to moderate rain occurred the past week.  
Maximum and minimum temperatures ranged from 28<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 22<sup>0</sup>C, respectively.  
Relative humidity varied from 58% to 97%.  
Wind speed ranged from 3 to 4 kmph

## *Weather forecast valid upto 4<sup>th</sup> sept '13*

There is possibility of light to heavy rain the coming week. Next five days , a total rainfall of 69 mm is expected  
Max temp is expected to be around 26<sup>0</sup>C - 30<sup>0</sup>C and min temp is expected to be around 20<sup>0</sup>C to 21<sup>0</sup>C.  
Possibility of mainly cloudy sky the coming week  
Relative Humidity will range from 57% to 97%  
The wind speed 4 – 5 kmph  
Wind direction will blow from southwesterly to southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b><i>Field crops</i></b>			
<b><i>Upland Rice</i></b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b><i>Lowland rice</i></b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b><i>Horticultural crops</i></b>			
<b><i>Citrus</i></b>	Fruiting to harvesting stage	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new plantings of citrus.
<b><i>Brinjal</i></b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b><i>Okra</i></b>	harvesting stage	-	Crop rotation should be carried out
<b><i>Chilli</i></b>	fruiting stage	Chilli trips	Rogue out the infested plants.

	<b><i>Cucurbits</i></b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
	<b><i>Livestock</i></b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
	<b><i>Poultry</i></b>	Drinking water must be available at all times. It should be fresh and free from contamination.		
	<b><i>Fishery</i></b>	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.		





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## Integrated Agromet Advisory Service Bulletin 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'13 Zunheboto District

**Bulletin No:66/2013**

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 4<sup>th</sup> sept'13</i>
Light to moderate rain occurred the past week Maximum and minimum temperatures ranged from 25 <sup>0</sup> C to 28 <sup>0</sup> C and 19 <sup>0</sup> C to 20 <sup>0</sup> C, respectively. Relative humidity varied from 68% to 97%. Wind speed ranged from 2 to 4 kmph.	There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 57 mm is expected Max temp is expected to be around 24 <sup>0</sup> C - 27 <sup>0</sup> C and min temp is expected to be around 18 <sup>0</sup> C to 19 <sup>0</sup> C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 66% to 98% The wind speed 3- 4 kmph Wind direction will blow from southwesterly to southerly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Upland Rice</b>	Hard dough development stage	Stem borer	Grown up plant whole panicle affected by stem borer becomes dried “white ear”. Harvest the crop upto the ground level and disturb the stubbles.
<b>Lowland rice</b>	Inflorescence emergence stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
<b>Horticultural crops</b>			
<b>Cucurbits</b>	Flowering to fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
<b>Brinjal</b>	Fruiting and harvesting stage	-	Damaged portion of the plants and fruits should be removed and destroyed.
<b>Okra</b>	harvesting stage	-	Crop rotation should be carried out
<b>Chilli</b>	fruiting stage	Chilli trips	Rogue out the infested plants.
<b>Citrus</b>	Fruiting to harvesting	Leaf miner	<b>For citrus orchards (less than 4 years old)-</b> Citrus leafminer can retard the growth of young trees, apply insecticides to nursery citrus trees and new

		stage		plantings of citrus.
	<b>Livestock</b>	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.		
	<b>Poultry</b>	Drinking water must be available at all times. It should be fresh and free from contamination.		
	<b>Fishery</b>	<p>Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.</p> <p>Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.</p>		

