




## Integrated Agromet Advisory Service Bulletin 14<sup>th</sup> to 18<sup>th</sup> Jan'15 Kohima District

Bulletin No:04/2015

Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Jan '15
<p>No rain occurred the past week. Maximum and minimum temperatures ranged from 16<sup>0</sup>C to 20<sup>0</sup>C and 3<sup>0</sup>C to 5<sup>0</sup>C, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 4 to 5 kmph.</p>			<p>Possibility of no rain the coming week Max temp is expected to be around 17<sup>0</sup>C - 18<sup>0</sup>C and min temp is expected to be around 3<sup>0</sup>C to 4<sup>0</sup>C. Possibility of clear sky the coming week Relative Humidity will range from 31% to 92% Wind speed 2- 4 kmph Wind direction will blow from easterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Crops</b>	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage.
<b>Toria /Mustard</b>	Vegetative /Flowering stage	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm depth of water may be applied either at 50% flowering or at early siliqua formation stage.
<b>Rabi maize</b>		Leaf blight	Due to cloudy and foggy weather there may be attack of leaf blight in the maize field. So proper precaution should be carried out.
<b>Horticultural crops</b>			
Probability no rain will occur the coming 3 or 4 days, therefore the farmers are advised to irrigate the crops daily or at an interval depending on the availability of water.			
<b>Citrus</b>	-		As the period is dry, prepare basin around the plants followed by mulching with local grasses to overcome the dry spell.
<b>Pea</b>	Flowering to harvesting stage		Sufficient moisture is essential during flowering stage too; hence care should be taken to provide irrigation during these periods too.
<b>Vegetables</b>	-	-	The forecast suggests mainly dry weather conditions. Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages
<b>Cruciferous crops</b>	Vegetative stage	-	Regular maintenance of soil moisture is essential during growth for good production.
<b>Cole crops</b>	Vegetative stage		Mulching is essential to conserve moisture and timely weeding should be carried out.
<b>Ginger</b>	Harvesting stage	-	When an infected ginger field is harvested, implements used like dao,

				spade, basket, fork etc should be thoroughly washed before storing or using it in another field.
	<b>Banana</b>	Vegetative/ harvesting stage	Pseudostem weevil	Weather is favorable for occurrence of pseudostem weevil in banana. It is advised to remove the dried and diseased leaves and to kill the weevil.
	<b>Poultry</b>	Poultry birds should be regularly observed and vaccinate against ranikhet disease. As the temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.		
	<b>Cattles and buffaloes</b>	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.		
	<b>Fishery</b>	A muddy pond does not provide good habitat for fish. Muddy water can adversely affect fish reproduction. Mud also prevents sunlight from penetrating the water and reduces microscopic plant (phytoplankton) growth. If your pond is muddy much of the time, look for the cause of the problem and try to correct it.		



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## Peren District

Bulletin No:04/2015

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 temperature** range from 19<sup>0</sup>C to 21<sup>0</sup>C and 2<sup>0</sup>C to 5<sup>0</sup>C, respectively.  
**Relative humidity** varied from 39% to 95%.  
**Wind speed** ranged from 4 to 5 kmph.

### Weather forecast valid upto 11<sup>th</sup> Jan '15

Possibility of no rain the coming week  
**Max temp is expected to be around** 21<sup>0</sup>C - 22<sup>0</sup>C and **min temp is expected to be around** 4<sup>0</sup>C to 5<sup>0</sup>C.  
**Possibility of clear sky the coming week**  
**Relative Humidity** will range from 31% to 93%  
The **wind speed** may reach upto 2 - 4 kmph  
Wind direction will blow from easterly

**Main Crops**

**Stage**

**Pest/ diseases**

**Agro-meteorological Advisories**


### Field crops

<b>Crops</b>	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage.
<b>Toria /Mustard</b>	Vegetative /Flowering stage	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm depth of water may be applied either at 50% flowering or at early siliqua formation stage.
<b>Rabi maize</b>		Leaf blight	Due to cloudy and foggy weather there may be attack of leaf blight in the maize field. So proper precaution should be carried out.

### Horticultural crops

Probability no rain will occur the coming 3 or 4 days, therefore the farmers are advised to irrigate the crops daily or at an interval depending on the availability of water.

<b>Citrus</b>	-		As the period is dry, prepare basin around the plants followed by mulching with local grasses to overcome the dry spell.
<b>Pea</b>	Flowering to harvesting stage		Sufficient moisture is essential during flowering stage too; hence care should be taken to provide irrigation during these periods too.
<b>Vegetables</b>	-	-	The forecast suggests mainly dry weather conditions. Wherever possible, a protective irrigation may be applied to reduce moisture stress during critical stages
<b>Cruciferous crops</b>	Vegetative stage	-	Regular maintenance of soil moisture is essential during growth for good production.
<b>Cole crops</b>	Vegetative stage		Mulching is essential to conserve moisture and timely weeding should be carried out.

	<b><i>Ginger</i></b>	Harvesting stage	-	When an infected ginger field is harvested, implements used like dao, spade, basket, fork etc should be thoroughly washed before storing or using it in another field.
	<b><i>Banana</i></b>	Vegetative/ harvesting stage	Pseudostem weevil	Weather is favorable for occurrence of pseudostem weevil in banana. It is advised to remove the dried and diseased leaves and to kill the weevil.
	<b><i>Poultry</i></b>	Poultry birds should be regularly observed and vaccinate against ranikhet disease. As the temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.		
	<b><i>Cattles and buffaloes</i></b>	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.		
	<b><i>Fishery</i></b>	A muddy pond does not provide good habitat for fish. Muddy water can adversely affect fish reproduction. Mud also prevents sunlight from penetrating the water and reduces microscopic plant (phytoplankton) growth. If your pond is muddy much of the time, look for the cause of the problem and try to correct it.		




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## Phek District

Bulletin No: 04/2015

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

Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Jan '15
<p>No rain occurred the past week  <b>Maximum</b> and <b>minimum temperatures</b> ranged from 17<sup>0</sup>C to 18<sup>0</sup>C and 1<sup>0</sup>C to 2<sup>0</sup>C, respectively.  <b>Relative humidity</b> varied from 42% to 98%.  <b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>Possibility of no rain the coming week  <b>Max temp is expected to be around</b> 17<sup>0</sup>C - 18<sup>0</sup>C and <b>min temp is expected to be around</b> 4<sup>0</sup>C to 5<sup>0</sup>C.  <b>Possibility of clear sky the coming week</b>  <b>Relative Humidity</b> will range from 35% to 95%  <b>The wind speed</b> 1- 2 kmph  <b>Wind direction</b> will blow from southeasterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>Crops</b>	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage.
<b>Toria /Mustard</b>	Vegetative /Flowering stage	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm depth of water may be applied either at 50% flowering or at early siliqua formation stage.
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<b>Cruciferous crops</b>	Vegetative stage	-	Regular maintenance of soil moisture is essential during growth for good production.

	<b><i>Cole crops</i></b>	Vegetative stage		Mulching is essential to conserve moisture and timely weeding should be carried out.
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