



## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July'12 Dimapur District

Bulletin No:51/2012

*Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012*

Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman & Nicobar Islands and northeastern states.

Main Crops	Stage	Pest/ diseases	Agricultural Advisories
<i>TRC paddy</i>	Tillering stage	Stem borer	Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.
	Transplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
<i>Maize</i>	Maturity stage	-	Earthing up should be carried out after the rain. As maize is very susceptible to water logging, proper drainage should be provided in the field.
<i>Okra</i>	Flowering to fruiting stage	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
<i>Piggery</i>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.		
<i>Fishery(newly constructed pond)</i>	<p>* After 15 to 20 days of manuring of pond, start stocking of different species of fish for polyculture, but the fish should be one year or more than one year old because some elements present in the soil of new pond may cause harmful effect to fry or fingerlings</p> <p>* For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.</p>		



## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Kohima District

**Bulletin No:51/2012**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15<sup>th</sup> July '12</i>
<p>Light rain occurred the past week. The <b>maximum</b> and the <b>minimum temperatures</b> ranged from 29<sup>0</sup>C to 32<sup>0</sup>C and 21<sup>0</sup>C to 22<sup>0</sup>C, respectively. The <b>Relative humidity</b> varied from 51% to 98%. <b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>There will be light to moderate rain the coming week(6 to 17mm) The <b>max temp</b> ranged 24<sup>0</sup>C - 32<sup>0</sup>C and the <b>min temp</b> 21<sup>0</sup>C - 22<sup>0</sup>C. <b>Sky will be mainly cloudy the coming week.</b> <b>Relative Humidity</b> will range from 57% to 97% <b>Wind speed</b> 3 – 4 kmph <b>Wind direction</b> will blow from southwesterly to southerly.</p>
<p><i>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</i> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman &amp; Nicobar Islands and northeastern states.</p>			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b>Okra</b>	Flowering to fruiting stage	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
<b>Lowland paddy</b>	LateTransplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
<b>Maize</b>	Maturity stage	-	Earthing up should be carried out. As maize is very susceptible to water logging, proper drainage should be provided in the field.
<b>Livestock</b>	Water tank should be cleaned and roof top water harvesting system should be installed.		
<b>Fishery</b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.		
<b>Piggery</b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.		



# Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12

## Mokokchung District

**Bulletin No:51/2012**


Weather summary of the preceding week			Weather forecast valid upto 15 <sup>th</sup> July '12
<p>Light rain occurred the past week</p> <p>The <b>maximum and the minimum temperatures</b> ranged 29<sup>0</sup>C to 31<sup>0</sup>C and 21<sup>0</sup>C to 22<sup>0</sup>C, respectively.</p> <p>The <b>Relative humidity</b> varied from 67% to 97%.</p> <p><b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>There will be light to moderate rain the coming week (5 to 17 mm)</p> <p>The <b>max temp</b> range 25<sup>0</sup>C - 31<sup>0</sup>C and the <b>min temp</b> 21<sup>0</sup>C - 22<sup>0</sup>C,</p> <p><b>Sky will be mainly cloudy the coming week.</b></p> <p><b>Relative Humidity</b> will range from 65% to 98% and</p> <p><b>Wind speed</b> 3 – 4 kmph</p> <p>Wind direction will be from southwesterly to southerly</p>
<p><b>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</b></p> <p>Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman &amp; Nicobar Islands and northeastern states.</p>			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b>Jhum paddy</b>	Late tillering stage	Leaf folder	Remove grass weeds from bunds around paddy field. And light trapping of adult help to reduce pest population.
<b>TRC</b>	Transplanting stage	Stem borer	*Clipping off tip of seedling before transplanting reduced carryover of egg from nursery to main field. As the egg of stem borers are laid near the tip of leaf. *Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.
<b>Banana</b>	Fruiting	-	One daughter sucker should be kept along with the mother plant. The removal of dry leaves and useless pseudo stems should be done in time.
<b>Cucumber</b>	Harvesting stage	-	The full grown fruit should be harvested when they are still green as delay in harvesting causes the fruit to become unfit for marketing.
<b>Piggery</b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.		
<b>Fishery</b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.		



## Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> July '12 Mon District

**Bulletin No:51/2012**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15<sup>th</sup> July '12</i>
Light rain occurred the past week. The <b>maximum</b> and the <b>minimum temperatures</b> ranged 29 <sup>0</sup> C to 31 <sup>0</sup> C and 21 <sup>0</sup> C to 22 <sup>0</sup> C, respectively. The <b>Relative humidity</b> varied from 73% to 98%. <b>Wind speed</b> ranged from 1 to 2 kmph.			There will be light to moderate rain the coming week (3 – 22 mm) The <b>max temp</b> range from 25 <sup>0</sup> C - 31 <sup>0</sup> C and the <b>min temp</b> 21 <sup>0</sup> C - 22 <sup>0</sup> C. <b>Sky will be mainly cloudy the coming days.</b> <b>Relative Humidity</b> will range from 67% to 97% and <b>Wind speed</b> 2 – 4 kmph <b>Wind direction</b> will be from southwesterly to southeasterly
<b>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</b> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman & Nicobar Islands and northeastern states.			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<i>Jhum paddy</i>	Milky to early Dough stage	Gundhi bug	<b>Traditional method:</b> Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<i>TRC paddy</i>	Tillering stage	Stem borer	Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.
	Transplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
<i>Cucumber</i>	Fruiting stage	Fruit fly	*Systemic and regular destruction of the fruit fly affected fruits to kill the maggots. * Constant stirring or ploughing or racking of the soil under infested plant or vine to kill the pupae. * Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies.
<i>Beans</i>	Flowering to podding stage	Aphids	<ul style="list-style-type: none"> <li>Cut and destroy the infected parts</li> </ul>

	<b><i>Piggery</i></b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.
	<b><i>Fishery</i></b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.



## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Phek District

**Bulletin No:51/2012**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15<sup>th</sup> July '12</i>
Light rain occurred the past week. The <b>maximum</b> and the <b>minimum temperatures</b> 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. The <b>Relative humidity</b> varied from 70% to 98%. <b>Wind speed</b> ranged from 2 to 4kmph.			There will be light to moderate rain the coming week (5 to 19 mm) The <b>maximum temp</b> range 22 <sup>0</sup> C - 28 <sup>0</sup> C and the <b>minimum temp</b> 19 <sup>0</sup> C to 21 <sup>0</sup> C. <b>Sky will be mainly cloudy the coming days.</b> <b>Relative Humidity</b> will range from 70% to 96% The <b>wind speed</b> 3 - 4 kmph Wind direction will blow from westerly to southerly.
<b>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</b> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman & Nicobar Islands and northeastern states.			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b>Jhum Paddy</b>	Milky to early Dough stage	Gundhi bug	<b>Traditional method:</b> Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<b>Paddy</b>	Transplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
<b>Maize</b>	Maturity stage	-	Earthing up should be carried out after the rain. As maize is very susceptible to water logging, proper drainage should be provided in the field.
<b>Papaya</b>	Transplanting stage	Stem Rot	Due to high moisture in the soil, farmers are advised to monitor the field for stem rot. Chemical treatment can be done by spraying copper oxychloride @3gm/lit of water and water logging should be avoided by maintaining proper drainage.
<b>Okra</b>	Flowering to fruiting stage	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
<b>Fishery</b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.		



<b><i>Piggery</i></b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.
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## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12

### Tuensang District

**Bulletin No:51/2012**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15<sup>th</sup> July '12</i>
Light rain occurred the past week The <b>maximum</b> and the <b>minimum temperatures</b> ranged 23 <sup>0</sup> C to 27 <sup>0</sup> C and 19 <sup>0</sup> C to 20 <sup>0</sup> C, respectively. The <b>Relative humidity</b> varied from 87% to 99%. <b>Wind speed</b> ranged from 2 to 3 kmph.			There will be light to moderate rain the coming week(3 to 20 mm) The <b>max temp</b> range 22 <sup>0</sup> C - 27 <sup>0</sup> C and the <b>min temp</b> 19 <sup>0</sup> C to 20 <sup>0</sup> C. <b>Sky will be mainly cloudy the coming days.</b> <b>Relative Humidity</b> will range from 85% to 98% and <b>Wind speed</b> 2 - 4 kmph Wind direction will blow from westerly to southerly.
<b>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</b> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman & Nicobar Islands and northeastern states.			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b>Jhum paddy</b>	Panicle initiation stage	Gundhi bug	<b>Traditional method:</b> Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<b>TRC paddy</b>	Tillering stage	Stem borer	Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.
<b>Cowpea/Beans</b>	Flowering stage	Leaf miner	When miners are plentiful, foliar loss can be significant and plant nutrition may be reduced resulting in fewer and lower quality fruit. <b>In home gardens, infested leaves can be removed and destroyed.</b> Insecticides directed at other pests may result in a great increase of leaf miners which were originally suppressed by <b>beneficial insects</b> .
<b>Colocasia</b>	Vegetative stage	-	Farmers are advised to do weeding, light hoeing and earthing up.
<b>Piggery</b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.		



<b><i>Fishery</i></b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.
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## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Wokha District

**Bulletin No:51/2012**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15<sup>th</sup> July '12</i>
Light rain occurred the past week. The <b>maximum</b> and the <b>minimum temperatures</b> ranged from 27 <sup>0</sup> C to 31 <sup>0</sup> C and 21 <sup>0</sup> C to 22 <sup>0</sup> C, respectively. The <b>Relative humidity</b> varied from 58% to 97%. <b>Wind speed</b> ranged from 3 to 4 kmph			There will be light to moderate rain the coming week (7 to 22 mm) The <b>max temp</b> 24 <sup>0</sup> C - 32 <sup>0</sup> C and <b>min temp</b> 21 <sup>0</sup> C - 22 <sup>0</sup> C. <b>Sky will be mainly cloudy the coming days.</b> <b>Relative Humidity</b> will range from 59% to 95% The <b>wind speed</b> 4 – 6 kmph Wind direction will blow from southwesterly to southerly.
<b><i>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</i></b> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman & Nicobar Islands and northeastern states.			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b><i>Jhum paddy</i></b>	Late tillering stage	Leaf folder	Remove grass weeds from bunds around paddy field. And light trapping of adult help to reduce pest population.
<b><i>TRC</i></b>	Transplanting stage	Stem borer	*Clipping off tip of seedling before transplanting reduced carryover of egg from nursery to main field. As the egg of stem borers are laid near the tip of leaf. *Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.
<b><i>Cucumber</i></b>	Fruiting stage	Fruit fly	*Systemic and regular destruction of the fruit fly affected fruits to kill the maggots. * Consistant stirring or ploughing or racking of the soil under infested plant or vine to kill the pupae. * Dusting the vine with some repellents like fine ash mixed kerosene to repel the flies.
<b><i>Colocasia</i></b>	Vegetative stage	Leaf blight	*Roguing (removing all or parts of infected leaves) reduces inoculum levels. *Maintain field sanitation
<b><i>Fishery</i></b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.		



***Piggery***

Precaution should be taken against **Japanese encephalitis, a mosquito borne disease**. Avoid stagnant water in and around the sty, maintain proper hygienic condition.





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## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Zunheboto District

**Bulletin No:51/2012**

Weather summary of the preceding week			Weather forecast valid upto 15 <sup>th</sup> July '12
<p>Light rain occurred the past week The <b>maximum</b> and the <b>minimum temperatures</b> ranged from 25<sup>0</sup>C to 29<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively. The <b>Relative humidity</b> varied from 69% to 98%. <b>Wind speed</b> ranged from 2 to 4 kmph.</p>			<p>There will be light to moderate rain the coming week (5 to 19 mm) The <b>maximum temp</b> range 23<sup>0</sup>C - 29<sup>0</sup>C and the <b>minimum temp</b> 20<sup>0</sup>C to 21<sup>0</sup>C. <b>Sky will be mainly cloudy the coming days.</b> <b>Relative Humidity</b> will range from 70% to 99% The <b>wind speed</b> 3- 4 kmph Wind direction will blow from westerly to southerly.</p>
<p><b>Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012</b> Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman &amp; Nicobar Islands and northeastern states.</p>			
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<b>Jhum Paddy</b>	Panicle initiation	Gundhi bug	<b>Traditional method:</b> Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<b>Lowland Paddy</b>	Transplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
<b>Maize</b>	Maturity stage	-	Maize should be harvested when the husk has turned yellow and grains are hard enough. Do not wait for stalks and leaves to dry.
<b>Papaya</b>	Vegetative stage	Stem Rot	Due to high moisture in the soil, farmers are advised to monitor the field for stem rot. Chemical treatment can be done by spraying copper oxychloride @3gm/lit of water and water logging should be avoided by maintaining proper drainage.
<b>Piggery</b>	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.		

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<b><i>Fishery</i></b>	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.
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