




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13 Dimapur District

Bulletin No:59/2013

Weather summary of the preceding week			Weather forecast valid upto 4 th Aug'13
<p>Light to moderate rain occurred the past week. Maximum and minimum temperatures ranged 31⁰C to 33⁰C and 21⁰C to 22⁰C, respectively. Relative humidity varied from 53% to 93%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days ,a total rainfall of 78 mm is expected Max temp is expected to be around 30⁰C - 34⁰C and min temp is expected to be around 22⁰C to 23⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 48% to 95% and Wind speed 3– 4 kmph Wind direction will be from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
Citrus	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.


	<i>Okra</i>	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
	<i>Chilli</i>	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		



Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13 Kiphire District

Bulletin No:59/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th Aug'13</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 21⁰C to 24⁰C and 17⁰C to 18⁰C, respectively. Relative humidity varied from 82% to 98%. Wind speed 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 47 mm is expected Max temp is expected to be around 23⁰C - 26⁰C and min temp is expected to be around 18⁰C to 19⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 76% to 97% The wind speed 2- 4 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
<i>Lowland rice</i>	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
<i>Horticultural crops</i>			
<i>Brinjal</i>	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
<i>Okra</i>	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
<i>Chilli</i>	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.


	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		



Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13 Kohima District

Bulletin No:59/2013

Weather summary of the preceding week			Weather forecast valid upto 4 th Aug'13
<p>Moderate rain occurred the past week. Maximum and minimum temperatures ranged from 25⁰C to 28⁰C and 18⁰C to 19⁰C, respectively. Relative humidity varied from 60% to 97%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 60 mm is expected Max temp is expected to be around 27⁰C - 28⁰C and min temp is expected to be around 17⁰C to 20⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 56% to 96% Wind speed 2- 3 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Citrus	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore

		harvesting stage		into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
	Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	Cucurbits	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	Piggery	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	Poultry	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	Fishery	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13

Longleng District

Bulletin No:59/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th Aug'13</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 26⁰C to 31⁰C and 21⁰C to 22⁰C, respectively. Relative humidity varied from 64% to 94%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Next five days , a total rainfall of 35 mm is expected Max temp is expected to be around 27⁰C - 31⁰C and min temp is expected to be around 21⁰C to 22⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 58% to 97% The wind speed 2 –4 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the

				same field and follow crop rotation.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13

Mokokchung District

Bulletin No: 59/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th Aug'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged 26 ⁰ C to 30 ⁰ C and 20 ⁰ C to 22 ⁰ C , respectively. Relative humidity varied from 66% to 94%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Next five days , a total rainfall of 40 mm is expected Max temp is expected to be around 27⁰C - 32⁰C and min temp is expected to be around 21⁰C to 22⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 61% to 97% and Wind speed 2 – 3 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Citrus	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant

				debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		



Integrated Agromet Advisory Service Bulletin from 31st July to 4th Aug'13 Mon District

Bulletin No:59/2013


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 25⁰C to 29⁰C and 20⁰C to 21⁰C, respectively.
- **Relative humidity** varied from 67% to 95%.
- **Wind speed** ranged from 2 to 4 kmph.

Weather forecast valid upto 4th Aug '13

- Possibility of light rain the next five days, a total rainfall of 37mm is expected
- The **max temp** is likely to be 26⁰C - 30⁰C and the **min temp** 20⁰C - 21⁰C.
- **Sky is likely to be mainly cloudy sky the coming week**
- **Relative Humidity** is likely to range from 60% to 87%
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.

	<i>Chilli</i>	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field. Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13

Peren District

Bulletin No:59/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th Aug'13</i>
<p>Moderate rain occurred the past week. Maximum and minimum temperature range from 28⁰C to 32⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 56% to 97%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 78 mm is expected Max temp is expected to be around 29⁰C - 31⁰C and min temp is expected to be around 19⁰C to 21⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 54% to 96% The wind speed may reach upto 2 - 3 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Upland Rice(late sown)	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
King chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down.

				Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13

Phek District

Bulletin No: 59/2013

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 4th Aug'13</i>	
Light to moderate rain occurred the past week Maximum and minimum temperatures ranged from 23 ⁰ C to 28 ⁰ C and 19 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 73% to 95%. 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 50 mm is expected Max temp is expected to be around 25⁰C - 30⁰C and min temp is expected to be around 19⁰C to 20⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 67% to 94% The wind speed 2- 4 kmph Wind direction will blow from southeasterly	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
<i>Lowland rice</i>	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
<i>Horticultural crops</i>			
<i>Citrus</i>	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
<i>Brinjal</i>	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.

	Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
	Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	Cucurbits	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	Piggery	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	Poultry	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	Fishery	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		




Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13

Tuensang District

Bulletin No:59/2013

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 4th Aug'13</i>	
Light to moderate rain occurred the past week Maximum and minimum temperatures ranged 18 ⁰ C to 24 ⁰ C and 16 ⁰ C to 17 ⁰ C, respectively. Relative humidity varied from 85% 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 47 mm is expected Max temp is expected to be around 19 ⁰ C - 22 ⁰ C and min temp is expected to be around 16 ⁰ C to 17 ⁰ C. Possibility of mainly cloudy sky the coming week Relative humidity will range from 79% to 98% and Wind speed 2 – 4kmph Wind direction will blow from southeasterly	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
Okra	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.

	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Citrus</i>	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
	<i>Ginger</i>	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		



Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13 Wokha District

Bulletin No:59/2013


Weather summary of the preceding week

Light to moderate rain occurred the past week.
Maximum and minimum temperatures ranged from 26⁰C to 31⁰C and 21⁰C to 22⁰C, respectively.
Relative humidity varied from 62% to 96%.
Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 4th Aug '13

There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 54 mm is expected
Max temp is expected to be around 27⁰C - 33⁰C and min temp is expected to be around 22⁰C to 22⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 56% to 98%
The wind speed 2 – 4 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
<i>Lowland rice</i>	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
<i>Horticultural crops</i>			
<i>Citrus</i>	Fruiting to harvesting stage	Leaf miner	For mature citrus orchards (more than 4 years old)- While the new flush of mature trees may be heavily damaged by citrus leafminer and look unsightly, yield and tree growth of most varieties will be unaffected. Therefore, insecticide treatments are generally not needed
<i>Brinjal</i>	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.

	<i>Okra</i>	Fruiting to harvesting stage	Fruit borer	The young larvae on hatching feed on foliage for some times and later bore into the fruits with their bodies hanging outside. Collect and destroy the infected fruits and grown up larvae. Do not spray insecticides after maturity of fruits.
	<i>Chilli</i>	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	<i>Cucurbits</i>	Flowering stage	Downy mildew	Monitor the plant against downy mildew
	<i>Piggery</i>	Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to her litter.		
	<i>Poultry</i>	The sheds should be disinfected by fumigation and white washing of walls with lime and should have proper ventilation		
	<i>Fishery</i>	Farmers are advised not to let the animals such as cows, buffalo, horses or donkeys graze on the banks of your pond. They are too heavy and may break the banks down.		



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Integrated Agromet Advisory Service Bulletin 31st July to 4th Aug'13 Zunheboto District

Bulletin No:59/2013

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 4th Aug'13</i>
Light to moderate rain occurred the past week Maximum and minimum temperatures ranged from 23 ⁰ C to 28 ⁰ C and 19 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 71% to 96%. 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 41 mm is expected Max temp is expected to be around 25 ⁰ C - 30 ⁰ C and min temp is expected to be around 19 ⁰ C to 20 ⁰ C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 66% to 97% The wind speed 2- 3 kmph Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Stem borers	Strict surveillance should be done against stem borer. Infected panicle is unfilled and whitish in color, rather than filled with grain and brownish in color.
Lowland rice	Tillering stage	Blast	Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected.
Horticultural crops			
Cucurbits	Flowering stage	Downy mildew	Monitor the plant against downy mildew
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.
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	Chilli	Vegetative stage	-	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field. Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
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