




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Dimapur District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
Light rain occurred the past week. Maximum and minimum temperatures ranged 33 ⁰ C to 34 ⁰ C and 23 ⁰ C to 24 ⁰ C, respectively. Relative humidity varied from 40% to 91%. 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 32 mm is expected Max temp is expected to be around 31 ⁰ C - 35 ⁰ C and min temp is expected to be around 20 ⁰ C to 25 ⁰ C. Possibility of mainly clear sky the coming week Relative Humidity will range from 28% to 91% and Wind speed 2– 4kmph Wind direction will be from southeasterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
<i>Brinjal</i>	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
<i>Ginger</i>	Vegetative stage	-	The plot should be kept clean by handweeding. Timely weeding and earthing up should be carried out.
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of

				wilting in the afternoon heat; eventually they become brown and papery.
	Citrus	Flowering to fruiting stage	Citrus caterpillar	Proper monitoring should be done against the caterpillar as heavily attacked plants bear no fruits. If possible hand picked the caterpillar and pupae and destroys them in kerosene.
	<i>Colocasia</i>	Vegetative stage	-	Keeping the field clean and free of weeds is essential for better growth
	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>		
	<i>Piggery</i>	Proper monitoring should be done against skin infection.		
	<i>Fishery</i>	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.		




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Kiphire District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 24⁰C to 28⁰C and 16⁰C to 20⁰C, respectively. Relative humidity varied from 73% to 97%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light rain the coming week. Next five days , a total rainfall of 11 mm is expected Max temp is expected to be around 28⁰C - 30⁰C and min temp is expected to be around 18⁰C to 19⁰C. Possibility of mainly clear sky the coming week Relative Humidity will range from 33% to 93% 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>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Brinjal</i>	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.

	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>
	<i>Piggery</i>	Proper monitoring should be done against skin infection.
	<i>Fishery</i>	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Kohima District

Bulletin No:45/2013

Weather summary of the preceding week			Weather forecast valid upto 16 th June'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 33⁰C to 34⁰C and 21⁰C to 22⁰C, respectively. Relative humidity varied from 47% to 97%. 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 35 mm is expected Max temp is expected to be around 30⁰C - 31⁰C and min temp is expected to be around 19⁰C to 22⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 36% to 94% Wind speed 2 - 4 kmph Wind direction will blow from easterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Horticultural crops			
Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
Okra	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
Chilli	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
Cucurbits	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.


	<i>Orange</i>			During this month, spray bavistin 91g/l + Monocrotophos (1ml/l) on new flushes.
	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>		
	<i>Piggery</i>	Proper monitoring should be done against skin infection.		
	<i>Fishery</i>	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.		



Integrated Agromet Advisory Service Bulletin 12th to 16th June'13 Longleng District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 31⁰C to 33⁰C and 20⁰C to 22⁰C, respectively. Relative humidity varied from 60% to 93%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light rain the coming week. Next five days , a total rainfall of 4 mm is expected Max temp is expected to be around 34⁰C - 37⁰C and min temp is expected to be around 19⁰C to 21⁰C. Possibility of mainly clear sky the coming week Relative Humidity will range from 28% to 73% 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>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Brinjal</i>	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.

	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>
	<i>Piggery</i>	Proper monitoring should be done against skin infection.
	<i>Fishery</i>	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.



Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Mokokchung District

Bulletin No: 45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged 29 ⁰ C to 34 ⁰ C and 22 ⁰ C to 23 ⁰ C, respectively. Relative humidity varied from 59% to 92%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Next five days , a total rainfall of 9 mm is expected Max temp is expected to be around 30 ⁰ C - 32 ⁰ C and min temp is expected to be around 19 ⁰ C to 21 ⁰ C. Possibility of mainly clear sky the coming week Relative Humidity will range from 29% to 87% and Wind speed 2 – 4 kmph Wind direction will blow from southeasterly to southerly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Horticultural crops			
Orange			During this month, spray bavistin 91g/l) + Monocrotophos (1ml/l) on new flushes.
Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
Okra	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
Ginger	Vegetative stage	-	The plot should be kept clean by handweeding. Timely weeding and earthing up should be carried out.
Chilli	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
Cucurbits	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.

Poultry

Monitor the birds against **fowl pox** especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.
The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.
The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.

Piggery

Proper monitoring should be done against skin infection.

Fishery

Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.





Integrated Agromet Advisory Service Bulletin from 12th to 16th June'13 Mon District

Bulletin No:45/2013

Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 29⁰C to 34⁰C and 22⁰C to 23⁰C, respectively.
- **Relative humidity** varied from 64% to 92%.
- **Wind speed** ranged from 2 to 5 kmph.

Weather forecast valid upto 16th June '13

- Possibility of light rain the next five days, a total rainfall of 3 mm is expected
- The **max temp** is likely to be 33⁰C - 34⁰C and the **min temp** 17⁰C - 22⁰C.
- **Sky is likely to be mainly clear the coming week**
- **Relative Humidity** is likely to range from 28% to 86%
- **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	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Lowland rice	Transplanted	Stem borer	Avoid close planting and continuous water stagnation. Pull out and destroy the affected tillers.
Horticultural crops			
Ginger	Vegetative stage	-	The plot should be kept clean by handweeding. Timely weeding and earthing up should be carried out.
Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
Okra	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
Chilli	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
Cucurbits	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.



	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>
	<i>Piggery</i>	<p>Proper monitoring should be done against skin infection.</p>
	<i>Fishery</i>	<p>Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.</p>




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Peren District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
Light rain occurred the past week. Maximum and minimum temperature range from 32 ⁰ C to 34 ⁰ C and 19 ⁰ C to 23 ⁰ C, respectively. Relative humidity varied from 41% to 96%. Wind speed ranged from 2 to 3 kmph.			There is possibility of light rain the coming week. Next five days , a total rainfall of 29mm is expected Max temp is expected to be around 34 ⁰ C - 35 ⁰ C and min temp is expected to be around 19 ⁰ C to 22 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 35% to 94% 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			
Upland Rice	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Horticultural crops			
Okra	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
Chilli	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
Cucurbits	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting

				in the afternoon heat; eventually they become brown and papery.
	Poultry	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>		
	Piggery	Proper monitoring should be done against skin infection.		
	Fishery	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.		




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Phek District

Bulletin No: 45/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 16th June'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 26 ⁰ C to 29 ⁰ C and 18 ⁰ C to 21 ⁰ C, respectively. Relative humidity varied from 67% to 95%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Next five days , a total rainfall of 13 mm is expected Max temp is expected to be around 30⁰C - 32⁰C and min temp is expected to be around 15⁰C to 18⁰C. Possibility of mainly clear sky the coming week Relative Humidity will range from 31% to 91% The wind speed 2- 4kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Orange</i>			During this month, spray bavistin 91g/l + Monocrotophos (1ml/l) on new flushes.
<i>Brinjal</i>	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.

	<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.
	<i>Poultry</i>	Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions. The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes. The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.		
	<i>Piggery</i>	Proper monitoring should be done against skin infection.		
	<i>Fishery</i>	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.		




Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Tuensang District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 16th June'13</i>	
Light rain occurred the past week Maximum and minimum temperatures ranged 25 ⁰ C to 28 ⁰ C and 17 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 83% to 97%. Wind speed ranged from 1 to 2 kmph.		There is possibility of light rain the coming week. Next five days , a total rainfall of 10 mm is expected Max temp is expected to be around 29 ⁰ C - 31 ⁰ C and min temp is expected to be around 14 ⁰ C to 17 ⁰ C. Possibility of mainly clear sky the coming week Relative Humidity will range from 34% to 95% and Wind speed 2 – 3 kmph Wind direction will blow from southeasterly	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
<i>Kharif Maize</i>	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Colocasia</i>	Vegetative stage	-	Keeping the field clean and free of weeds is essential for better growth
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.

	Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
	Orange			During this month, spray bavistin 91g/l) + Monocrotophos (1ml/l) on new flushes.
	Ginger	Vegetative stage	-	The plot should be kept clean by handweeding. Timely weeding and earthing up should be carried out.
	Poultry	Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions. The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes. The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.		
	Piggery	Proper monitoring should be done against skin infection.		
	Fishery	Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.		



Integrated Agromet Advisory Service Bulletin 12th to 16th June'13 Wokha District

Bulletin No:45/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 31⁰C to 33⁰C and 22⁰C to 23⁰C, respectively.
Relative humidity varied from 52% to 91%.
Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 16th June'13

There is possibility of light rain the coming week. Next five days , a total rainfall of 15 mm is expected
Max temp is expected to be around 30⁰C - 31⁰C and min temp is expected to be around 19⁰C to 22⁰C.
Possibility of mainly clear sky the coming week
Relative Humidity will range from 27% to 85%
The wind speed 2 – 4kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
<i>Kharif Maize</i>	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Horticultural crops</i>			
<i>Orange</i>			During this month, spray bavistin 91g/lit + Monocrotophos (1ml/l) on new flushes.
<i>Okra</i>	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
<i>Brinjal</i>	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
<i>Chilli</i>	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to

				<p>powdery mildew.</p> <p>Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.</p>
	<i>Poultry</i>	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>		
	<i>Piggery</i>	<p>Proper monitoring should be done against skin infection.</p>		
	<i>Fishery</i>	<p>Maintain good water quality, and watch for signs of problems such as poor fish growth, thin fish, and excessive numbers of small fish.</p>		



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Integrated Agromet Advisory Service Bulletin 12th to 16th June'13

Zunheboto District

Bulletin No:45/2013

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 16th June'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 30 ⁰ C to 31 ⁰ C and 21 ⁰ C to 22 ⁰ C, respectively. Relative humidity varied from 66% to 93%. Wind speed ranged from 2 to 4kmph.	There is possibility of light rain the coming week. Next five days , a total rainfall of 11mm is expected Max temp is expected to be around 27 ⁰ C - 30 ⁰ C and min temp is expected to be around 16 ⁰ C to 20 ⁰ C. Possibility of mainly clear sky the coming week Relative Humidity will range from 29% to 92% The wind speed 2- 4 kmph Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Stem elongation stage	-	Our region is highly susceptible to blast. Therefore, farmers are advised to monitor their field as blast causes more damage in upland rice.
Kharif Maize	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Horticultural crops			
Cucurbits	Vegetative stage	Powdery mildew	Start monitoring for powdery mildew during the vegetative growth stage and continue through fruit development as all cucurbits are susceptible to powdery mildew. Affected leaves become dull, chlorotic, and may show some degree of wilting in the afternoon heat; eventually they become brown and papery.
Brinjal	Fruiting stage	Shoot and fruit borer	Shoot and fruit borer is a major problem in brinjal. The larvae bore holes on fruits and are plugged with excreta rendering it unmarketable. Collection and destruction of affected terminal shoots and fruits showing bore holes. Natural enemies are encouraged when pesticides are not in used.
Okra	Flowering to fruiting stage	Fruit and shoot borer	Pest survey in the field should be carried out timely. If infestation is at damaging level, pest elimination must be carried out
Chilli	Flowering to fruiting stage	-	Remove damage shoots and fruits and destroy them.

	Orange			During this month, spray bavistin 91g/l) + Monocrotophos (1ml/l) on new flushes.
	Poultry	<p>Monitor the birds against fowl pox especially for backyard poultry. Fowl pox is a relatively slow spreading viral infection characterized by scab like lesions.</p> <p>The disease may occur in any age bird, and can be transmitted by direct contact with an infected chicken or by mosquitoes.</p> <p>The vaccine must be applied only to the vaccination site, and precautions taken to prevent contamination of other parts of the chicken, the premises and the equipment. Mosquito control should also be part of the preventive program.</p>		
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