




Integrated Agromet Advisory Service Bulletin 11th to 15th June'14 Kohima District

Bulletin No:44/2014

Weather summary of the preceding week			Weather forecast valid upto 15 th June'14
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 26⁰C to 31⁰C and 14⁰C to 19⁰C, respectively. Relative humidity varied from 46% to 94%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 27⁰C - 28⁰C and min temp is expected to be around 15⁰C to 16⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 43% to 95% Wind speed 1- 2 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Jhum paddy</i>	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
<i>Kharif Maize</i>	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
<i>Mandarin orange</i>	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
<i>Ginger</i>	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
<i>Colocasia</i>	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
<i>Potato</i>	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding

				and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.
	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		




Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Longleng District

Bulletin No:44/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15th June'14</i>
Light rain occurred the past week. Maximum and minimum temperatures ranged from 32 ⁰ C to 33 ⁰ C and 21 ⁰ C to 22 ⁰ C, respectively. Relative humidity varied from 53% to 84%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Max temp is expected to be around 32 ⁰ C - 33 ⁰ C and min temp is expected to be around 21 ⁰ C to 22 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 48% to 86% The wind speed 1 –2 kmph Wind direction will blow from easterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Jhum paddy	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
Kharif Maize	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
Mandarin orange	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
Ginger	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
Colocasia	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
Potato	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand

				weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.
	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		




Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Mokokchung District

Bulletin No: 44/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15th June'14</i>
Light rain occurred the past week Maximum and minimum temperatures ranged 31 ⁰ C to 32 ⁰ C and 21 ⁰ C to 22 ⁰ C, respectively. Relative humidity varied from 54% to 85%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Max temp is expected to be around 31⁰C - 33⁰C and min temp is expected to be around 21⁰C to 22⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 48% to 85% and Wind speed 1 - 2 kmph Wind direction will blow from southeasterly.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Jhum paddy</i>	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
<i>Kharif Maize</i>	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
<i>Mandarin orange</i>	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
<i>Ginger</i>	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
<i>Colocasia</i>	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
<i>Potato</i>	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.

	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		



Integrated Agromet Advisory Service Bulletin from 11th to 15th June'14 Mon District

Bulletin No:44/2014


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 30⁰C to 33⁰C and 20⁰C to 21⁰C, respectively.
- **Relative humidity** varied from 57% to 84%.
- **Wind speed** ranged from 1 to 2 kmph

Weather forecast valid upto 15th June'14

- Possibility of light rain the coming week.
- The **max temp** is likely to be 29⁰C - 32⁰C and the **min temp** 19⁰C - 20⁰C.
- **Sky is likely to be partly cloudy the coming week**
- **Relative Humidity** is likely to range from 52% to 90%
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Jhum paddy	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
Kharif Maize	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
Mandarin orange	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
Ginger	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
Colocasia	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
Potato	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.

	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		




Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Peren District

Bulletin No:44/2014

Weather summary of the preceding week			Weather forecast valid upto 15 th June'14
<p>Light rain occurred the past week. Maximum and minimum temperature range from 31⁰C to 33⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 45% to 91%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 33⁰C - 35⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 41% to 94% The wind speed may reach upto 1 - 2 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Jhum paddy	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
Kharif Maize	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
Mandarin orange	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
Ginger	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
Colocasia	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
Chilli	Vegetative stage	-	Earthing up should be carried out
Cucurbits	Vegetative stage	Leaf eating caterpillars	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly,

			and fruit flies	poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	<i>Fishery</i>	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	<i>Piggery</i>	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	<i>Poultry</i>	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		




Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Phek District

Bulletin No: 44/2014

Weather summary of the preceding week			Weather forecast valid upto 15 th June'14
Light rain occurred the past week Maximum and minimum temperatures ranged from 29 ⁰ C to 30 ⁰ C and 19 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 60% to 92%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Max temp is expected to be around 29 ⁰ C - 30 ⁰ C and min temp is expected to be around 19 ⁰ C to 20 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 53% to 90% The wind speed 1- 2 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Jhum paddy	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
Kharif Maize	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
Mandarin orange	-	-	During this month, trunk borer adults should be collected and destroyed by shaking the branches 2-3 times at 10 days interval.
Ginger	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
Colocasia	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
Potato	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers

				and to cover the tubers with soil.
	<i>Chilli</i>	Vegetative stage	-	Earthing up should be carried out
	<i>Fishery</i>	Before stocking the fish fingerlings, apply lime at the rate of 30kg/ha to reduce the acidity of water and soil, to destroy germs of various diseases and toxic gases, to increase the dissolved oxygen level of water indirectly and for manuring the bottom soil		
	<i>Piggery</i>	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	<i>Poultry</i>	For proper health, deworming at 2-3 months interval is required. To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.		



Integrated Agromet Advisory Service Bulletin 11th to 15th June'14 Tuensang District

Bulletin No:44/2014


Weather summary of the preceding week

Light rain occurred the past week
Maximum and minimum temperatures ranged 22⁰C to 23⁰C and 14⁰C to 17⁰C, respectively.
Relative humidity varied from 74% to 94%.
Wind speed ranged from 2 to 3 kmph.

Weather forecast valid upto 15th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 21⁰C - 26⁰C and min temp is expected to be around 14⁰C to 17⁰C.
Possibility of partly cloudy sky the coming week
Relative humidity will range from 65% to 95%
Wind speed 1– 2 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Jhum paddy</i>	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
<i>Kharif Maize</i>	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
<i>Horticultural crops</i>			
<i>Mandarin orange</i>	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
<i>Ginger</i>	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
<i>Colocasia</i>	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
<i>Potato</i>	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of

				tubers and to cover the tubers with soil.
	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		



Integrated Agromet Advisory Service Bulletin 11th to 15th June'14 Wokha District

Bulletin No:44/2014


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 33⁰C to 34⁰C and 21⁰C to 22⁰C, respectively.
Relative humidity varied from 48% to 85%.
Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 15th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 33⁰C - 34⁰C and min temp is expected to be around 21⁰C to 22⁰C.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 42% to 86%
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>Jhum paddy</i>	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
<i>Kharif Maize</i>	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
<i>Horticultural crops</i>			
<i>Mandarin orange</i>	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
<i>Ginger</i>	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
<i>Colocasia</i>	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
<i>Potato</i>	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding

				and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.
	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/cucurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helmintic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		




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Integrated Agromet Advisory Service Bulletin 11th to 15th June'14 Zunheboto District

Bulletin No:44/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 15th June'14</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 29 ⁰ C to 30 ⁰ C and 19 ⁰ C to 20 ⁰ C, respectively. Relative humidity varied from 59% to 91%. Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Max temp is expected to be around 29 ⁰ C - 30 ⁰ C and min temp is expected to be around 19 ⁰ C to 20 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 52% to 88% The wind speed 1- 2 kmph Wind direction will blow southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Jhum paddy</i>	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
<i>Kharif Maize</i>	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
<i>Mandarin orange</i>	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
<i>Ginger</i>	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
<i>Colocasia</i>	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
<i>Potato</i>	Flowering stage		Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest. Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of

				tubers and to cover the tubers with soil.
	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/cucurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		



Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Dimapur District

Bulletin No:44/2014


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and **minimum temperatures** ranged 34⁰C to 36⁰C and 22⁰C to 23⁰C, respectively.
Relative humidity varied from 39% to 89%.
Wind speed ranged from 3 to 4 kmph.

Weather forecast valid upto 15th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 35⁰C - 36⁰C and **min temp is expected to be around** 22⁰C to 23⁰C.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 33 to 87%
Wind speed 2– 3 kmph
Wind direction will be from southerly

Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Jhum paddy	Tillering stage	Blast disease	Maintain field sanitation and adopt clean cultivation. If infestation is high, spray carbendazim, @ 0.1%.
Kharif Maize	Sowing stage	-	Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.
Horticultural crops			
Mandarin orange	-	Leaf miner	Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree
Ginger	Germinating stage	-	As medium rain had occurred, proper earthing up should be done.
Colocasia	Vegetative stage	-	Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall
Chilli	Vegetative stage	-	Earthing up should be carried out
Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic

				bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	<i>Fishery</i>	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	<i>Piggery</i>	Prior to vaccination, deworm all your animals with appropriate anti-helminthic drugs one week before vaccinating your animals.		
	<i>Poultry</i>	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		



Integrated Agromet Advisory Service Bulletin 11th to 15th June'14

Kiphire District

Bulletin No:44/2014

Weather summary of the preceding week

Light rain occurred the past week.
Maximum and **minimum temperatures** ranged from 26^oC to 27^oC and 17^oC to 19^oC, respectively.
Relative humidity varied from 71% to 94%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 15th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 25^oC - 28^oC and **min temp is expected to be around 16^oC to 18^oC**.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 62% to 95%
The **wind speed** 1- 2 kmph
Wind direction will blow from southeasterly

Main Crops

Stage

Pest/ diseases

Agro-meteorological Advisories

Field crops

Jhum paddy

Tillering stage

Blast
disease

Maintain field sanitation and adopt clean cultivation.
If infestation is high, spray carbendazim, @ 0.1%.

Kharif Maize

Sowing stage

-

Crop is highly susceptible to water logging so care should be taken to assure that the plot should be selected where the water should not stagnate.

Horticultural crops

**Mandarin
orange**

-

Leaf miner

Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree

Ginger

Germinating
stage

-

As medium rain had occurred, proper earthing up should be done.

Colocasia

Vegetative stage


-

Farmers are advised to daily monitor the field against leaf blight which appears as small, water-soaked spots that increase in circumference also spread to healthy plants. Entire leaf area is destroyed within 3-5 days after the initial symptoms depending on the weather conditions especially in those areas having high relative humidity and frequent rainfall

Potato

Flowering stage

Proper cultural practices should be maintained, infested vines should be removed from the field for controlling the pest.
Farmers are advised to carry out intercultural operations like hand weeding and earthing up to destroy weeds, to keep the soil loose for proper development of tubers and to cover the tubers with soil.

	Chilli	Vegetative stage	-	Earthing up should be carried out and if possible watering should be done in the evening.
	Cucurbits	Vegetative stage	Leaf eating caterpillars and fruit flies	Leaf eating caterpillars and fruit flies need to be controlled. In case of leaf eating caterpillar, neem oil can be sprayed 5ml/lit of water. For fruit fly, poison bait can be prepared with 250gm jaggery with Fenthion/dimethoate(Rogor) 20ml + 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/curcurbit fields to check the fruit fly.
	Fishery	Fishery ponds should be repaired before stocking the pond with fish. Then close the outlet, open the inlet and protect the bank under it. Fill the pond with water. If possible fertilize the pond with animal compost or animal manure; the water will start to turn green in two to three days. Wait until the water becomes rich in natural fish food- the water will turn green and it will become less transparent. It will take about a week to become green enough		
	Piggery	Prior to vaccination, deworm all your animals with appropriate anti-helmintic drugs one week before vaccinating your animals.		
	Poultry	In case of poultry, to protect the birds from heat stroke housing should have proper ventilation and plenty of cool, clean fresh drinking water should be provided as the water consumption increase during summer.		