




Integrated Agromet Advisory Service Bulletin 7th to 11th June'14 Dimapur District

Bulletin No:43/2014

Weather summary of the preceding week			Weather forecast valid upto 11 th June'14
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged 32⁰C to 36⁰C and 22⁰C to 23⁰C, respectively. Relative humidity varied from 33% to 89%. 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 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 39 to 87% Wind speed 3– 4 kmph Wind direction will be from southerly</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>Chilli</i>	Vegetative stage	-	Earthing up should be carried out
<i>Cucurbits</i>	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 7th to 11th June'14

Kiphire District

Bulletin No:43/2014

Weather summary of the preceding week

Light rain occurred the past week.
Maximum and **minimum temperatures** ranged from 26⁰C to 27⁰C and 14⁰C to 18⁰C, respectively.
Relative humidity varied from 54% to 93%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 11th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 26⁰C - 27⁰C and **min temp** is expected to be around 17⁰C to 18⁰C.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 71% to 93%
The **wind speed** 1- 2 kmph
Wind direction will blow from westerly

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.		



Integrated Agromet Advisory Service Bulletin 7th to 11th June'14 Kohima District

Bulletin No:43/2014

Weather summary of the preceding week			Weather forecast valid upto 11 th June'14
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 25⁰C to 26⁰C and 14⁰C to 16⁰C, respectively. Relative humidity varied from 38% 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 30⁰C - 31⁰C and min temp is expected to be around 18⁰C to 20⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 48% to 95% Wind speed 2 - 3 kmph Wind direction will blow from southwesterly</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 7th to 11th June'14

Longleng District

Bulletin No:43/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 11th June'14</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 32⁰C to 33⁰C and 19⁰C to 22⁰C, respectively. Relative humidity varied from 46% to 82%. 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 32⁰C - 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 53% to 85% The wind speed 1 –2 kmph Wind direction will blow from southerly</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
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 7th to 11th June'14

Mokokchung District

Bulletin No: 43/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 11th June'14</i>
Light rain occurred the past week Maximum and minimum temperatures ranged 31 ⁰ C to 32 ⁰ C and 18 ⁰ C to 22 ⁰ C, respectively. Relative humidity varied from 46% 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 - 32⁰C and min temp is expected to be around 21⁰C to 22⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 54% to 87% and Wind speed 2 - 4 kmph Wind direction will blow from southerly.
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 7th to 11th June'14 Mon District

Bulletin No:43/2014


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 30⁰C to 31⁰C and 17⁰C to 21⁰C, respectively.
- **Relative humidity** varied from 53% to 86%.
- **Wind speed** ranged from 1 to 2 kmph

Weather forecast valid upto 11th June'14

- Possibility of light rain the coming week.
- The **max temp** is likely to be 32⁰C - 33⁰C and the **min temp** 20⁰C - 22⁰C.
- **Sky is likely to be partly cloudy the coming week**
- **Relative Humidity** is likely to range from 58% to 88%
- **Wind speed** may reach upto 1- 2 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
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 7th to 11th June'14

Peren District

Bulletin No:43/2014

Weather summary of the preceding week			Weather forecast valid upto 11 th June'14
Light rain occurred the past week. Maximum and minimum temperature range from 32 ⁰ C to 33 ⁰ C and 17 ⁰ C to 21 ⁰ C, respectively. Relative humidity varied from 39% to 90%. Wind speed ranged from 2 to 3 kmph.			There is possibility of light rain the coming week. Max temp is expected to be around 33 ⁰ C - 34 ⁰ C and min temp is expected to be around 20 ⁰ C to 21 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 46% to 93% The wind speed may reach upto 2 - 3 kmph Wind direction will blow 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	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 7th to 11th June'14

Phek District

Bulletin No: 43/2014


Weather summary of the preceding week

Light rain occurred the past week
Maximum and **minimum temperatures** ranged from 29⁰C to 30⁰C and 16⁰C to 20⁰C, respectively.
Relative humidity varied from 47% to 90%.
Wind speed ranged from 2 to 3kmph.

Weather forecast valid upto 11th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 29⁰C - 30⁰C and **min temp is expected to be around 19⁰C to 20⁰C**.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 60% to 90%
The wind speed 2- 3 kmph
Wind direction will blow from westerly

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 7th to 11th June'14 Tuensang District

Bulletin No:43/2014


Weather summary of the preceding week

Light rain occurred the past week
Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 13⁰C to 17⁰C, respectively.
Relative humidity varied from 56% to 94%.
Wind speed ranged from 2 to 3 kmph.

Weather forecast valid upto 11th June'14

There is possibility of light rain the coming week.
Max temp is expected to be around 21⁰C - 23⁰C and min temp is expected to be around 14⁰C to 17⁰C.
Possibility of partly cloudy sky the coming week
Relative humidity will range from 75% to 94%
Wind speed 1– 2 kmph
Wind direction will blow from westerly

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 7th to 11th June'14 Wokha District

Bulletin No:43/2014


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 32⁰C to 34⁰C and 18⁰C to 20⁰C, respectively.
Relative humidity varied from 42% to 85%.
Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 11th 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 49% to 86%
The wind speed 3– 4 kmph
Wind direction will blow from southerly

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 7th to 11th June'14

Zunheboto District

Bulletin No:43/2014

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 11th June'14</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 29 ⁰ C to 30 ⁰ C and 16 ⁰ C to 19 ⁰ C, respectively. Relative humidity varied from 48% to 86%. 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 59% to 88% The wind speed 2- 3 kmph Wind direction will blow southwesterly
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.		

