




Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Kohima District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 27^oC to 31^oC and 15^oC to 22^oC, respectively. Relative humidity varied from 31% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of heavy rain the coming week. Max temp is likely to be 21^oC - 27^oC and the min temp 16^oC to 18^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 58% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be southwesterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
<i>TRC/WRC paddy</i>			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
<i>Summer maize</i>	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
<i>Green gram</i>	Vegetative stage		Proper monitoring should be done for any pest and diseases
Horticultural crop			
<i>Mandarin</i>			Maintain proper sanitation in the orchard
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of	➤ Avoid the injury to the tubers during earthing up and harvesting

			potato	➤ Dig out and burn the affected plant
	Cucurbits	Vegetative stage	Powdery mildew	Remove the infected leaves
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease, leaf curl	➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediately
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Livestock			
	Poultry	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		Fisheries		
		➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.		

SCIENTIFIC EXPERT COMMITTEE


Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Longleng District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 33⁰C and 22⁰C to 23⁰C, respectively. Relative humidity varied from 35% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 22⁰C - 29⁰C and the min temp 19⁰C to 23⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 56% to 93%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southeasterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
<i>TRC/WRC paddy</i>			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
<i>Summer maize</i>	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
<i>Green gram</i>	Vegetative stage		Proper monitoring should be done for any pest and diseases
Horticultural crop			
<i>Mandarin</i>			Maintain proper sanitation in the orchard
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant

			potato	
	Cucurbits	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
	Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none">➤ <i>Remove and destroy the affected plant</i>➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease , leaf curl	<ul style="list-style-type: none">➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Poultry	<ul style="list-style-type: none">➤ Protect the birds from rain➤ Keep the litter material dry➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	<ul style="list-style-type: none">➤ Vaccinate against swine fever➤ Maintain hygiene in pig house to protect from diarrhea➤ Deworm the animal at 3 month interval➤ Do AI, if animal comes into heat		
	Fisheries			
		<ul style="list-style-type: none">➤ Apply lime as per recommended dose depending on the pH➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.		

SCIENTIFIC EXPERT COMMITTEE

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3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17

Mokokchung District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 31⁰C to 32⁰C and 21⁰C to 23⁰C, respectively. Relative humidity varied from 34% to 90%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of heavy rain the coming week. Max temp is likely to be 23⁰C - 29⁰C and the min temp 19⁰C to 20⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 59% to 90%. Wind speed may reach upto 1- 2 kmph Wind direction will be southeasterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Mandarin			Maintain proper sanitation in the orchard
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
Potato	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant

Cucurbits	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
		Wilt	<div>➤ <i>Remove and destroy the affected plant</i></div> <div>➤ <i>Proper drainage should be maintained in the field</i></div>
Naga king chilli	Vegetative stage	White flies, aphids, viral disease , leaf curl	<div>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></div> <div>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></div> <div>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></div> <div>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></div>
Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
<i>Livestock</i>			
Poultry	<div>➤ <i>Protect the birds from rain</i></div> <div>➤ <i>Keep the litter material dry</i></div> <div>➤ <i>Give electrolyte in drinking water to birds of 1-6 weeks.</i></div>		
Piggery	<div>➤ <i>Vaccinate against swine fever</i></div> <div>➤ <i>Maintain hygiene in pig house to protect from diarrhea</i></div> <div>➤ <i>Deworm the animal at 3 month interval</i></div> <div>➤ <i>Do AI, if animal comes into heat</i></div>		
	<i>Fisheries</i>		
	<div>➤ <i>Apply lime as per recommended dose depending on the pH</i></div> <div>➤ <i>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</i></div> <div>➤ <i>Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</i></div>		



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Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Mon District

Bulletin No:41/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30⁰C to 33⁰C and 20⁰C to 22⁰C, respectively.
- Relative humidity varied from 36% to 92%
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th June'17

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 22⁰C - 29⁰C and the **min temp** 18⁰C to 19⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 57% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly


Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Vegetative stage		<i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i>
<i>Green gram</i>	Vegetative stage		<i>Good drainage may be given to manage soil borne root diseases</i>

Horticultural crop

<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		<i>Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant
<i>Cucurbits</i>	Vegetative stage	Powdery	<i>Remove the infected leaves</i>

			mildew	
	Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none">➤ <i>Remove and destroy the affected plant</i>➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease , leaf curl	<ul style="list-style-type: none">➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i>➤ <i>For plants infected with leaf curl, it should be removed from the field immediatedly</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Poultry	<ul style="list-style-type: none">➤ Protect the birds from rain➤ Keep the litter material dry➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	<ul style="list-style-type: none">➤ Vaccinate against swine fever➤ Maintain hygiene in pig house to protect from diarrhea➤ Deworm the animal at 3 month interval➤ Do AI, if animal comes into heat		
	Fisheries			
		<ul style="list-style-type: none">➤ Apply lime as per recommended dose depending on the pH➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.		



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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17

Peren District

Bulletin No:41/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th June'17</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 29^oC to 34^oC and 21^oC to 22^oC, respectively. Relative humidity varied from 33% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of heavy rain the coming week. Max temp is likely to be 21^oC - 30^oC and the min temp 19^oC to 22^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 58% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southerly
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Vegetative stage		<i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i>
<i>Green gram</i>	Vegetative stage		<i>Proper monitoring should be done for any pest and diseases</i>
<i>Horticultural crop</i>			
<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		<i>Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting

			potato	➤ Dig out and burn the affected plant
	Cucurbits	Vegetative stage	Powdery mildew	Remove the infected leaves
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White files, aphids, viral disease, leaf curl	➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediately
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Livestock			
	Poultry	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		Fisheries		
		➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.		


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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Phek District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 32⁰C and 21⁰C to 23⁰C, respectively. Relative humidity varied from 34% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 21⁰C - 29⁰C and the min temp 19⁰C to 20⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 54% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southerly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases
Horticultural crop			
Mandarin			Maintain proper sanitation in the orchard
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
Potato	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided

			of potato	
			Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant
	Cucurbits	Vegetative stage	Powdery mildew	Remove the infected leaves
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> ➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediately
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Livestock			
	Poultry	<ul style="list-style-type: none"> ➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks. 		
	Piggery	<ul style="list-style-type: none"> ➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat 		
		Fisheries		
		<ul style="list-style-type: none"> ➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature. 		

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2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Tuensang District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 32⁰C and 20⁰C to 23⁰C, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 21⁰C - 29⁰C and the min temp 19⁰C to 20⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 56% to 95%. Wind speed may reach upto 1 - 2 kmph Wind direction will be mostly southerly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Mandarin			Maintain proper sanitation in the orchard
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
Potato	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant

	Cucurbits	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
	Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none"> ➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> ➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i> ➤ <i>Uproot the infected plants and bury diseased plants or burn it</i> ➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i> ➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Poultry	<ul style="list-style-type: none"> ➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks. 		
	Piggery	<ul style="list-style-type: none"> ➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat 		
		Fisheries		
		<ul style="list-style-type: none"> ➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature. 		

SCIENTIFIC EXPERT COMMITTEE


Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Wokha District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 29⁰C to 32⁰C and 21⁰C to 23⁰C, respectively. Relative humidity varied from 31% to 93%. Wind speed ranged from 2 to 4 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 20⁰C - 29⁰C and the min temp 19⁰C to 22⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 50% to 92%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southeasterly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases
Horticultural crop			
Mandarin			Maintain proper sanitation in the orchard
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
Potato	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of	➤ Avoid the injury to the tubers during earthing up and harvesting

			potato	➤ Dig out and burn the affected plant
	Cucurbits	Vegetative stage	Powdery mildew	Remove the infected leaves
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease , leaf curl	➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediatedly
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Livestock			
	Poultry	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
	Fisheries			
	➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.			

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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Zunheboto District

Bulletin No:41/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30⁰C to 33⁰C and 21⁰C to 23⁰C, respectively.
- Relative humidity varied from 34% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th June'17


- Probability of moderate rain the coming week.
- **Max temp** is likely to be 21⁰C - 29⁰C and the **min temp** 20⁰C to 22⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 54% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Vegetative stage		<i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i>
<i>Green gram</i>	Vegetative stage		<i>Proper monitoring should be done for any pest and diseases</i>

Horticultural crop

<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		<i>Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided

			Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant
	Cucurbits	Vegetative stage	Powdery mildew	Remove the infected leaves
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> ➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediately
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Livestock			
	Poultry	<ul style="list-style-type: none"> ➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks. 		
	Piggery	<ul style="list-style-type: none"> ➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat 		
		Fisheries		
		<ul style="list-style-type: none"> ➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature. 		

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2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Dimapur District

Bulletin No:41/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 33⁰C and 18⁰C to 22⁰C, respectively.
- Relative humidity varied from 30% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 4th June'17


- Probability of heavy rain the coming week.
- **Max temp** is likely to be 19⁰C - 29⁰C and the **min temp** 19⁰C to 22⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 52% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
Wind direction will be mostly southeasterly

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</i>
<i>TRC/WRC paddy</i>			<i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i>
<i>Summer maize</i>	Vegetative stage		<i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i>
<i>Green gram</i>	Vegetative stage		<i>Good drainage may be given to manage soil borne root diseases</i>

Horticultural crop

<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
<i>Potato</i>	Harvesting stage		<i>Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant

	Cucurbits	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
	Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none">➤ <i>Remove and destroy the affected plant</i>➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease , leaf curl	<ul style="list-style-type: none">➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Poultry	<ul style="list-style-type: none">➤ Protect the birds from rain➤ Keep the litter material dry➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	Piggery	<ul style="list-style-type: none">➤ Vaccinate against swine fever➤ Maintain hygiene in pig house to protect from diarrhea➤ Deworm the animal at 3 month interval➤ Do AI, if animal comes into heat		
	Fisheries			
		<ul style="list-style-type: none">➤ Apply lime as per recommended dose depending on the pH➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature		

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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 31st May to 4th June'17 Kiphire District

Bulletin No:41/2017

Weather summary of the preceding week			Weather forecast valid upto 4 th June'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 33⁰C and 20⁰C to 23⁰C, respectively. Relative humidity varied from 36% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 22⁰C - 29⁰C and the min temp 21⁰C to 22⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 55% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southerly
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases
Horticultural crop			
Mandarin			Maintain proper sanitation in the orchard
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
Potato	Harvesting stage		Keep the harvested potato in heap for 10-15 days for curing of skin.
		Late blight of potato	<ul style="list-style-type: none"> ➤ Provide proper earthing up ➤ Delayed harvesting may be avoided
		Soft rot of potato	<ul style="list-style-type: none"> ➤ Avoid the injury to the tubers during earthing up and harvesting ➤ Dig out and burn the affected plant
Cucurbits	Vegetative stage	Powdery	Remove the infected leaves

			mildew	
	Brinjal	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> ➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease ➤ Uproot the infected plants and bury diseased plants or burn it ➤ Pinch the tip of the plants to encourage more lateral shoot development ➤ For plants infected with leaf curl, it should be removed from the field immediately
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Poultry	<ul style="list-style-type: none"> ➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks. 		
	Piggery	<ul style="list-style-type: none"> ➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat 		
		Fisheries		
		<ul style="list-style-type: none"> ➤ Apply lime as per recommended dose depending on the pH ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green. ➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature. 		

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