



Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17

Mokokchung District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 31^oC to 32^oC and 21^oC to 23^oC, respectively.
- Relative humidity varied from 34% to 90%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27^oC - 29^oC and the **min temp** 19^oC to 21^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 47% 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
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>

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. 		



Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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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 3rd to 7th June'17 Mon District

Bulletin No:42/2017

Weather summary of the preceding week

- Heavy rain occurred the past week
- Maximum and minimum temperatures ranged 30^oC to 33^oC and 20^oC to 22^oC, respectively.
- Relative humidity varied from 36% to 92%
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27^oC - 29^oC and the **min temp** 20^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 47% to 92%.
- **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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>
<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 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"> ➤ <i>Protect the birds from rain</i> ➤ <i>Keep the litter material dry</i> ➤ <i>Give electrolyte in drinking water to birds of 1-6 weeks.</i>
Piggery				<ul style="list-style-type: none"> ➤ <i>Vaccinate against swine fever</i> ➤ <i>Maintain hygiene in pig house to protect from diarrhea</i> ➤ <i>Deworm the animal at 3 month interval</i> ➤ <i>Do AI, if animal comes into heat</i>
Fisheries				
				<ul style="list-style-type: none"> ➤ <i>Apply lime as per recommended dose depending on the pH</i> ➤ <i>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</i> ➤ <i>Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</i>



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
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Peren District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate 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

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29^oC - 30^oC and the **min temp** 20^oC to 23^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 50% 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
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
	Soft rot of	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> 	

		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	<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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Phek District

Bulletin No:42/2017

Weather summary of the preceding week

- Heavy 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

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28⁰C - 31⁰C and the **min temp** 20⁰C to 22⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 45% 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
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<i>Potato</i>	Harvesting stage		<i>Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight	<ul style="list-style-type: none"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>

			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	<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"> ➤ 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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Tuensang District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 30^oC to 32^oC and 20^oC to 23^oC, respectively.
- Relative humidity varied from 37% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29^oC - 31^oC and the **min temp** 20^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 48% to 97%.
- **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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>

	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 files, 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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Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17

Wokha District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 29^oC to 32^oC and 21^oC to 23^oC, respectively.
- Relative humidity varied from 31% to 93%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28^oC - 31^oC and the **min temp** 20^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 45% 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
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i>

			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	<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. 		



SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17 Zunheboto District

Bulletin No:42/2017

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 7th June'17</i>	
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Maximum and minimum temperatures ranged 30^oC to 33^oC and 21^oC to 23^oC, 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 28^oC - 31^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 46% to 96%. ▪ 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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>

			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"> ➤ 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. 		

SCIENTIFIC EXPERT COMMITTEE

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



Integrated Agromet Advisory Service Bulletin from 3rd to 7th June '17

Dimapur District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26^oC to 33^oC and 18^oC to 22^oC, respectively.
- Relative humidity varied from 30% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 7th June '17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 31^oC - 32^oC and the **min temp** 21^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 43% 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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>

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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Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17

Kiphire District

Bulletin No:42/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 30^oC to 33^oC and 20^oC to 23^oC, respectively.
- Relative humidity varied from 36% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 7th June'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29^oC - 31^oC and the **min temp** 21^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 47% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southwesterly

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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>
<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 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"> ➤ <i>Protect the birds from rain</i> ➤ <i>Keep the litter material dry</i> ➤ <i>Give electrolyte in drinking water to birds of 1-6 weeks.</i>
Piggery				<ul style="list-style-type: none"> ➤ <i>Vaccinate against swine fever</i> ➤ <i>Maintain hygiene in pig house to protect from diarrhea</i> ➤ <i>Deworm the animal at 3 month interval</i> ➤ <i>Do AI, if animal comes into heat</i>
Fisheries				
				<ul style="list-style-type: none"> ➤ <i>Apply lime as per recommended dose depending on the pH</i> ➤ <i>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</i> ➤ <i>Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</i>

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17 Kohima District

Bulletin No:42/2017

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 7th June'17</i>	
<ul style="list-style-type: none"> ▪ Heavy 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 24^oC - 26^oC and the min temp 15^oC to 16^oC ▪ Sky is likely to be mainly cloudy the coming week ▪ Relative Humidity is likely to range from 50% to 95%. ▪ Wind speed may reach upto 1- 2 kmph ▪ Wind direction will be southwesterly 	
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i>

		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	<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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ICAR - RCNEH

Integrated Agromet Advisory Service Bulletin from 3rd to 7th June'17 Longleng District

Bulletin No:42/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 7th June'17</i>
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Maximum and minimum temperatures ranged 30^oC to 33^oC and 22^oC to 23^oC, 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 28^oC - 31^oC and the min temp 21^oC to 23^oC ▪ Sky is likely to be mainly cloudy the coming week ▪ Relative Humidity is likely to range from 53% to 95%. ▪ Wind speed may reach upto 1- 2 kmph ▪ Wind direction will be mostly southeasterly
<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"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
<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"> ➤ <i>Provide proper earthing up</i> ➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of	<ul style="list-style-type: none"> ➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>

		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. 		

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