



Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Dimapur District

Bulletin No:38/2017

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 33°C and the **min temp** 21°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 32% to 81%.
- **Wind speed** may reach upto 2- 4 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>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. 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">➤ 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	<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 immediatedly
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">➤ Provide fan in the adult poultry house➤ 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			



- 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 20th to 24th May'17

Kiphire District

Bulletin No:38/2017

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 35°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 39% to 89%.
- **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>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage</u> and second spray at 4 true leaf stage to increase the number of fruits.</i>
<i>Brinjal</i>	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.</i>

Scientific Expert committee

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



Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Kohima District

Bulletin No:38/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27 °C to 31°C and 15°C to 22°C, respectively.
- Relative humidity varied from 31% to 92%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 24th May'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 24°C - 25°C and the **min temp** 15°C to 16°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 37% to 90%.
- **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	<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>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage</u> and second spray at 4 true leaf stage to increase the number of fruits.</i>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Longleng District

Bulletin No:38/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 33°C and 22°C to 23°C, respectively.
- Relative humidity varied from 35% to 92%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 32°C and the **min temp** 22°C to 24°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 41% to 89%.
- **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>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage</u> and second spray at 4 true leaf stage to increase the number of fruits.</i>
<i>Brinjal</i>	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as</i>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Mokokchung District

Bulletin No:38/2017

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 32°C and the **min temp** 22°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 39% to 88%.
- **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"> ➤ 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>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. 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 mildew	<i>Remove the infected leaves</i>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17

Mon District

Bulletin No:38/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 33°C and the **min temp** 22°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 40% to 91%.
- **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	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</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	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>
Green gram	Vegetative stage		<i>Good drainage may be given to manage soil borne root diseases</i>

Horticultural crop

Mandarin			<i>Maintain proper sanitation in the orchard</i>
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		<i>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. 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>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17

Peren District

Bulletin No:38/2017

Weather summary of the preceding week			Weather forecast valid upto 24 th May'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 29°C to 34°C and 21°C to 22°C, respectively. Relative humidity varied from 33% to 92%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 31°C - 32°C and the min temp 21°C to 23°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 37% 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	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>		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush
<i>Okra</i>	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.
<i>Potato</i>	Harvesting stage		• Harvesting of potato should be postponed due to probability of rain
			•
			•
<i>Cucurbits</i>	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2 ml in 1 lt of water</u> at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Phek District

Bulletin No:38/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 32°C and 21°C to 23°C, respectively.
- Relative humidity varied from 34% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 35°C and the **min temp** 22°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 36% to 86%.
- **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	<i>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	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>
Green gram	Vegetative stage		<i>Proper monitoring should be done for any pest and diseases</i>

Horticultural crop

Mandarin		Leaf miner	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
Okra	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
Potato	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
Cucurbits	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator) @0.2</u> ml in 1 lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.</i>
Brinjal	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as to keep the</i>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Tuensang District

Bulletin No:38/2017

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 34°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 41% to 91%.
- **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>	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>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. 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 mildew	<i>Remove the infected leaves</i>

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(Indian Council of Agricultural Research)



Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Wokha District

Bulletin No:38/2017

Weather summary of the preceding week

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

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 34°C and the **min temp** 21°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 35% to 83%.
- **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>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage</u> and second spray at 4 true leaf stage to increase the number of fruits.</i>
<i>Brinjal</i>	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as</i>

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Integrated Agromet Advisory Service Bulletin from 20th to 24th May'17 Zunheboto District

Bulletin No:38/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 33°C and 21°C to 23°C, respectively.
- Relative humidity varied from 34% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 24th May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 34°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 38% to 87%.
- **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	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>		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush
<i>Okra</i>	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.
<i>Potato</i>	Harvesting stage		• Harvesting of potato should be postponed due to probability of rain
			•
			•
<i>Cucurbits</i>	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.</u>
<i>Brinjal</i>	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to

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