



## Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Peren District

**Bulletin No:53/2018**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>0</sup>C to 30<sup>0</sup>C and 19<sup>0</sup>C to 20<sup>0</sup>C, respectively.
- Relative humidity varied from 60% to 94%.
- Wind speed ranged from 2 to 3 kmph

### *Weather forecast valid upto 8<sup>th</sup> July 2018*

- Probability of light rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 28<sup>0</sup>C and the **min temp** 20<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 95%.
- **Wind speed** may reach upto 4-5 kmph
- **Wind direction** will be southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<i>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using</i>

				<i>insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"><li>• <i>Remove and destroy the affected plant</i></li><li>• <i>Proper drainage should be maintained in the field</i></li></ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<b>Livestock</b>			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li><li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li><li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li><li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Identify and isolate the infected and in contact animals</li><li>• Dispose the dead animals either by burning or deep burial</li><li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li><li>• Regular de-worming to control internal parasites</li><li>• Keep the animal house clean and dry</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>• By this month, renovation of old pond and excavation of new pond should be completed.</li><li>• Proper inspection of work should be done for new pond</li><li>• Adopt culture practice as per the technical advice</li></ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

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 4<sup>th</sup> to 8<sup>th</sup> July '18 Phek District

**Bulletin No:53/2018**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25<sup>0</sup>C to 30<sup>0</sup>C and 18<sup>0</sup>C to 19<sup>0</sup>C, respectively.
- Relative humidity varied from 28% to 92%.
- Wind speed ranged from 2 to 3 kmph

### *Weather forecast valid upto 8<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the **min temp** 19<sup>0</sup>C to 21<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 92% to 95%.
- **Wind speed** may reach upto 1-2 kmph  
**Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"> <li>• <i>Remove and destroy the affected plant</i></li> <li>• <i>Proper drainage should be maintained in the field</i></li> </ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>				
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Identify and isolate the infected and in contact animals</li> <li>• Dispose the dead animals either by burning or deep burial</li> <li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>• Regular de-worming to control internal parasites</li> <li>• Keep the animal house clean and dry</li> </ul>		
<p style="text-align: center;"><b><i>Fisheries</i></b></p>				
		<ul style="list-style-type: none"> <li>• By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>• Proper inspection of work should be done for new pond</li> <li>• Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

## 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 4<sup>th</sup> to 8<sup>th</sup> July '18 Tuensang District

Bulletin No:53/2018

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25<sup>0</sup>C to 29<sup>0</sup>C and 14<sup>0</sup>C to 16<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 95%.
- Wind speed ranged from 2 to 3 kmph

### Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 23<sup>0</sup>C - 25<sup>0</sup>C and the **min temp** 17<sup>0</sup>C to 18<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 79% to 95%.
- **Wind speed** may reach upto 2-3 kmph
- **Wind direction** will be mostly south westerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>➤ Timely weeding should be carried out</li> </ul>
<i>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or</i>

				early evening when blossoms are closed for the day.
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
	Brinjal		Wilt	<ul style="list-style-type: none"> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>			
Poultry	<ul style="list-style-type: none"> <li>Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>			
Piggery	<ul style="list-style-type: none"> <li>Identify and isolate the infected and in contact animals</li> <li>Dispose the dead animals either by burning or deep burial</li> <li>Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>Regular de-worming to control internal parasites</li> <li>Keep the animal house clean and dry</li> </ul>			
<p style="text-align: center;"><b>Fisheries</b></p>				
 भारतीय ICAR		<ul style="list-style-type: none"> <li>By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>Proper inspection of work should be done for new pond</li> <li>Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		



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 4<sup>th</sup> to 8<sup>th</sup> July'18 Wokha District

**Bulletin No:53/2018**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29<sup>0</sup>C to 30<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 60% to 91%.
- Wind speed ranged from 3 to 4 kmph

### *Weather forecast valid upto 8<sup>th</sup> July 2018*

- Probability of light rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 28<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 20<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 90%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface. Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"> <li>• <i>Remove and destroy the affected plant</i></li> <li>• <i>Proper drainage should be maintained in the field</i></li> </ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Identify and isolate the infected and in contact animals</li> <li>• Dispose the dead animals either by burning or deep burial</li> <li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>• Regular de-worming to control internal parasites</li> <li>• Keep the animal house clean and dry</li> </ul>		
<b><i>Fisheries</i></b>				
		<ul style="list-style-type: none"> <li>• By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>• Proper inspection of work should be done for new pond</li> <li>• Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

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 4<sup>th</sup> to 8<sup>th</sup> July '18 Zunheboto District

**Bulletin No:53/2018**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>0</sup>C to 28<sup>0</sup>C and 18<sup>0</sup>C to 19<sup>0</sup>C, respectively.
- Relative humidity varied from 75% to 94%.
- Wind speed ranged from 2 to 4 kmph

### *Weather forecast valid upto 8<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the **min temp** 18<sup>0</sup>C to 20<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 78% to 95%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"> <li>• <i>Remove and destroy the affected plant</i></li> <li>• <i>Proper drainage should be maintained in the field</i></li> </ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Identify and isolate the infected and in contact animals</li> <li>• Dispose the dead animals either by burning or deep burial</li> <li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>• Regular de-worming to control internal parasites</li> <li>• Keep the animal house clean and dry</li> </ul>		
	<p style="text-align: center;"><b><i>Fisheries</i></b></p>			
		<ul style="list-style-type: none"> <li>• By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>• Proper inspection of work should be done for new pond</li> <li>• Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		



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 4<sup>th</sup> to 8<sup>th</sup> July'18 Dimapur District

Bulletin No:53/2018

## Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 31<sup>0</sup>C to 35<sup>0</sup>C and 24<sup>0</sup>C to 26<sup>0</sup>C, respectively.
- Relative humidity varied from 66% to 95%.
- Wind speed ranged from 2 to 3 kmph

## Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of moderate rain the coming week.
- Max temp** is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 24<sup>0</sup>C to 25<sup>0</sup>C
- Sky is likely to be mainly cloudy** the coming week
- Relative Humidity** is likely to range from 46% to 95%.
- Wind speed** may reach upto 2- 3 kmph
- Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation
<i>TRC/WRC paddy</i>	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
<i>Green gram</i>	Harvesting	-	Timely harvesting should be done
<i>Maize</i>	Harvesting stage		Timely harvesting should be done

## Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
<i>Cucurbits</i>	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.

	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"><li>• <i>Remove and destroy the affected plant</i></li><li>• <i>Proper drainage should be maintained in the field</i></li></ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<b>Livestock</b>			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li><li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li><li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li><li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Identify and isolate the infected and in contact animals</li><li>• Dispose the dead animals either by burning or deep burial</li><li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li><li>• Regular de-worming to control internal parasites</li><li>• Keep the animal house clean and dry</li></ul>		
<b>Fisheries</b>				
		<ul style="list-style-type: none"><li>• By this month, renovation of old pond and excavation of new pond should be completed.</li><li>• Proper inspection of work should be done for new pond</li><li>• Adopt culture practice as per the technical advice</li></ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

## 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 4<sup>th</sup> to 8<sup>th</sup> July '18 Kiphire District

**Bulletin No:53/2018**

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28<sup>0</sup>C to 30<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 53% to 93%.
- Wind speed ranged from 3 to 4 kmph

## Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 22<sup>0</sup>C to 23<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 62% to 95%.
- **Wind speed** may reach upto 1-2 kmph
- **Wind direction** will be mostly south westerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

## Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>➤ Timely weeding should be carried out</li> </ul>
<i>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when</i>

				<i>blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"><li>• <i>Remove and destroy the affected plant</i></li><li>• <i>Proper drainage should be maintained in the field</i></li></ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<b>Livestock</b>			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li><li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li><li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li><li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>• Identify and isolate the infected and in contact animals</li><li>• Dispose the dead animals either by burning or deep burial</li><li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li><li>• Regular de-worming to control internal parasites</li><li>• Keep the animal house clean and dry</li></ul>			
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>• By this month, renovation of old pond and excavation of new pond should be completed.</li><li>• Proper inspection of work should be done for new pond</li><li>• Adopt culture practice as per the technical advice</li></ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

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 4<sup>th</sup> to 8<sup>th</sup> July'18

## Kohima District

Bulletin No:53/2018

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25<sup>0</sup>C to 28<sup>0</sup>C and 17<sup>0</sup>C to 19<sup>0</sup>C, respectively.
- Relative humidity varied from 60% to 95%.
- Wind speed ranged from 2 to 3 kmph

### Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of moderate rain the coming week.
- Max temp** is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the **min temp** 18<sup>0</sup>C to 25<sup>0</sup>C
- Sky is likely to be cloudy** the coming week
- Relative Humidity** is likely to range from 71% to 95%.
- Wind speed** may reach upto 3-4 kmph
- Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
	<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"> <li>• <i>Remove and destroy the affected plant</i></li> <li>• <i>Proper drainage should be maintained in the field</i></li> </ul>
	<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
	<b>Khasi Mandarin</b>		Leaf miner, aphids, mites, trunk borer	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Identify and isolate the infected and in contact animals</li> <li>• Dispose the dead animals either by burning or deep burial</li> <li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>• Regular de-worming to control internal parasites</li> <li>• Keep the animal house clean and dry</li> </ul>		
	<p style="text-align: center;"><b><i>Fisheries</i></b></p>			
			<ul style="list-style-type: none"> <li>• By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>• Proper inspection of work should be done for new pond</li> <li>• Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>	

## 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 4<sup>th</sup> to 8<sup>th</sup> July '18 Longleng District

**Bulletin No:53/2018**

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28<sup>0</sup>C to 30<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 54% to 94%.
- Wind speed ranged from 2 to 3 kmph

### Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 22<sup>0</sup>C to 23<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 65% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

### Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>➤ Timely weeding should be carried out</li> </ul>
<i>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when</i>

				using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
	Brinjal		Wilt	<ul style="list-style-type: none"> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> <li>Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>		
	Piggery	<ul style="list-style-type: none"> <li>Identify and isolate the infected and in contact animals</li> <li>Dispose the dead animals either by burning or deep burial</li> <li>Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>Regular de-worming to control internal parasites</li> <li>Keep the animal house clean and dry</li> </ul>		
	<p style="text-align: center;"><b>Fisheries</b></p>			
		<ul style="list-style-type: none"> <li>By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>Proper inspection of work should be done for new pond</li> <li>Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

## 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 4<sup>th</sup> to 8<sup>th</sup> July'18 Mokokchung District

Bulletin No:53/2018

Weather summary of the preceding week		Weather forecast valid upto 8 <sup>th</sup> July 2018	
<ul style="list-style-type: none"><li>▪ Light rain occurred the past week</li><li>▪ Maximum and minimum temperatures ranged 28<sup>0</sup>C to 31<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 29% to 93%.</li><li>▪ Wind speed ranged from 3 to 5 kmph</li></ul>		<ul style="list-style-type: none"><li>▪ Probability of moderate rain the coming week.</li><li>▪ <b>Max temp</b> is likely to be 27<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 22<sup>0</sup>C to 23<sup>0</sup>C</li><li>▪ <b>Sky is likely to be cloudy</b> the coming week</li><li>▪ <b>Relative Humidity</b> is likely to range from 65% to 95%.</li><li>▪ <b>Wind speed</b> may reach upto 2- 4 kmph</li><li>▪ <b>Wind direction</b> will be mostly southerly</li></ul>	
Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
Green gram	Harvesting	-	Timely harvesting should be done
Maize	Harvesting stage		Timely harvesting should be done
Horticultural crop			
<ul style="list-style-type: none"><li>• Proper weeding, earthing up should be done and staking should be done for good production.</li></ul>			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"><li>➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li><li>➤ Timely weeding should be carried out</li></ul>
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.

<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li><i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li><li><i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"><li><i>Remove and destroy the affected plant</i></li><li><i>Proper drainage should be maintained in the field</i></li></ul>
<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
<b>Livestock</b>			
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
<b>Poultry</b>	<ul style="list-style-type: none"><li>Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li><li>Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li><li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li><li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>Identify and isolate the infected and in contact animals</li><li>Dispose the dead animals either by burning or deep burial</li><li>Regular disinfection of shed and its premises with 1-2 % phenyl</li><li>Regular de-worming to control internal parasites</li><li>Keep the animal house clean and dry</li></ul>		
<b>Fisheries</b>			
	<ul style="list-style-type: none"><li>By this month, renovation of old pond and excavation of new pond should be completed.</li><li>Proper inspection of work should be done for new pond</li><li>Adopt culture practice as per the technical advice</li></ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		





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 4<sup>th</sup> to 8<sup>th</sup> July'18 Mon District

Bulletin No:53/2018

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28<sup>0</sup>C to 31<sup>0</sup>C and 19<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 90%
- Wind speed ranged from 2 to 3 kmph

### Weather forecast valid upto 8<sup>th</sup> July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 28<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 77% to 95%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Tillering stage	Stem borer	<i>Maintain weed free field to reduce stem borer infestation</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Green gram</i>	Harvesting	-	<i>Timely harvesting should be done</i>
<i>Maize</i>	Harvesting stage		<i>Timely harvesting should be done</i>

<b>Horticultural crop</b>			
<i>Proper weeding, earthing up should be done and staking should be done for good production.</i>			
<b>Citrus</b>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"><li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li><li>➤ <i>Timely weeding should be carried out</i></li></ul>
<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>• <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
<b>Brinjal</b>		Wilt	<ul style="list-style-type: none"><li>• <i>Remove and destroy the affected plant</i></li><li>• <i>Proper drainage should be maintained in the field</i></li></ul>
<b>Ginger / turmeric</b>	Vegetative stage		<i>Timely earthing up and weeding/hoeing should be done.</i>
<b>Livestock</b>			
<ul style="list-style-type: none"><li>• Water stagnation should be avoided in livestock shed to avoid mosquito breeding.</li><li>• Daily provide clean and cool drinking water to the animals</li></ul>			
<b>Poultry</b>	<ul style="list-style-type: none"><li>• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li><li>• Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li><li>• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li><li>• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>• Identify and isolate the infected and in contact animals</li><li>• Dispose the dead animals either by burning or deep burial</li><li>• Regular disinfection of shed and its premises with 1-2 % phenyl</li><li>• Regular de-worming to control internal parasites</li><li>• Keep the animal house clean and dry</li></ul>		
<b>Fisheries</b>			



- By this month, renovation of old pond and excavation of new pond should be completed.
- Proper inspection of work should be done for new pond
- Adopt culture practice as per the technical advice
- If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures

## 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