



Integrated Agromet Advisory Service Bulletin from 25st to 29th July'18

Mokokchung District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27^oC to 32^oC and 20^oC to 21^oC, respectively.
- Relative humidity varied from 59% to 93%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 29th July 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 29^oC - 30^oC and the **min temp** 21^oC to 22^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 64% to 99%.
- **Wind speed** may reach upto 2- 3 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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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

Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
Cucurbits	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>
Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>

Brinjal		Wilt	<ul style="list-style-type: none"> • Remove and destroy the affected plant • Proper drainage should be maintained in the field
Ginger / turmeric	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.
Livestock			
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries			
	<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		



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



Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Mon District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27^oC to 31^oC and 20^oC to 22^oC, respectively.
- Relative humidity varied from 65% to 90%
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 27^oC - 28^oC and the **min temp** 20^oC to 21^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 66% to 99%.
- **Wind speed** may reach upto 2- 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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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


Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
Cucurbits	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>
Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
Brinjal		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>
Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>

Livestock

- Water stagnation should be avoided in livestock shed to avoid mosquito breeding.
- Daily provide clean and cool drinking water to the animals

Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one
Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig)

Fisheries

 <p>भारतीय ICAR</p>	<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes
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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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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18

Peren District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27^oC to 31^oC and 20^oC to 21^oC, respectively.
- Relative humidity varied from 58% to 94%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 27^oC - 28^oC and the **min temp** 20^oC to 21^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 71% to 99%.
- **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
Jhum Paddy	Tillering stage	Stem borer	<i>For Jhum paddy, to produce high quality seed, rogue the fields by removing all the rice plants that clearly look different during the vegetative, flowering and grain filling stages</i>
TRC/WRC paddy	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>
Soybean	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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

Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
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	Cucurbits	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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	Livestock			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
 भारतीय ICAR	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
	Fisheries			
		<ul style="list-style-type: none"> • 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 <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>		

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Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Phek District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26^oC to 31^oC and 18^oC to 19^oC, respectively.
- Relative humidity varied from 52% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of very heavy rain the coming week.
- **Max temp** is likely to be 27^oC - 28^oC and the **min temp** 20^oC to 21^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 76% to 99%.
- **Wind speed** may reach upto 0-2 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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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

Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
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	Cucurbits	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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Tuensang District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27^oC to 29^oC and 20^oC to 24^oC, respectively.
- Relative humidity varied from 64% to 92%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 24^oC - 25^oC and the **min temp** 16^oC to 17^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 77% to 99%.
- **Wind speed** may reach upto 0-2 kmph
- **Wind direction** will be mostly easterly

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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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

Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
Cucurbits	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>

	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.
	Brinjal		Wilt	<ul style="list-style-type: none"> Remove and destroy the affected plant Proper drainage should be maintained in the field
	Ginger / turmeric	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.
	Livestock			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	Poultry	<ul style="list-style-type: none"> Provide bulb in brooder house. Maintain dry litter in poultry house Provide lasota vaccine at 7 days and 30 days of age Separate sick bird from healthy one 		
Piggery	<ul style="list-style-type: none"> Vaccinate small piglet of one month of age against swine fever Do Artificial Insemination in adult sow (pig) 			
Fisheries				
	<ul style="list-style-type: none"> Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH Stock advance fingerling to get better production and provide feed daily. Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 			

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Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18

Wokha District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 28^oC to 29^oC and 20^oC to 21^oC, respectively.
- Relative humidity varied from 55% to 91%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 29th July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27^oC - 28^oC and the **min temp** 20^oC to 21^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 62% to 99%.
- **Wind speed** may reach upto 2- 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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

Horticultural crop

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

Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
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	Cucurbits	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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	Livestock			
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		



SCIENTIFIC EXPERT COMMITTEE

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भा क अनुप - पु प सं
ICAR - RCNEH

ICAR RESEARCH COMPLEX FOR NEH REGION
(Indian Council of Agricultural Research)
NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Zunheboto District

Bulletin No:59/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26^oC to 27^oC and 18^oC to 19^oC, respectively.
- Relative humidity varied from 67% to 92%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of very heavy rain the coming week.
- **Max temp** is likely to be 26^oC - 27^oC and the **min temp** 18^oC to 19^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 99%.
- **Wind speed** may reach upto 0-3 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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</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"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
<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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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



Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Dimapur District

Bulletin No:59/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 34^oC to 35^oC and 25^oC to 26^oC, respectively.
- Relative humidity varied from 40% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 29th July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 31^oC - 32^oC and the **min temp** 25^oC to 26^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 40% to 97%.
- **Wind speed** may reach upto 0- 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>For Jhum paddy, to produce high quality seed, rogue the fields by removing all the rice plants that clearly look different during the vegetative, flowering and grain filling stages</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>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</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"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
<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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18

Kiphire District

Bulletin No:59/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27^oC to 33^oC and 20^oC to 23^oC, respectively.
- Relative humidity varied from 47% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 29th July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29^oC - 30^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 59% to 99%.
- **Wind speed** may reach upto 0-2 kmph
- **Wind direction** will be mostly easterly

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>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</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"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
<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 blossoms are closed for the day.</i>
<i>Okra</i>	Fruiting to	Spotted	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The</i>

		harvesting stage	bollworm	<i>infested fruits will have a varying number of holes.</i> <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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Integrated Agromet Advisory Service Bulletin from 25st to 29th July'18 Kohima District

Bulletin No:59/2018

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 29th July 2018</i>	
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Maximum and minimum temperatures ranged 26^oC to 30^oC and 18^oC to 19^oC, respectively. ▪ Relative humidity varied from 58% to 97%. ▪ Wind speed ranged from 2 to 3 kmph 		<ul style="list-style-type: none"> ▪ Probability of heavy rain the coming week. ▪ Max temp is likely to be 26^oC - 27^oC and the min temp 18^oC to 19^oC ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 72% to 99%. ▪ Wind speed may reach upto 2-3 kmph ▪ Wind direction will be mostly southwesterly 	
<p>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</p>			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> • <i>Proper weeding, earthing up should be done and staking should be done for good production.</i> 			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>

	Cucurbits	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>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	Khasi Mandarin		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>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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Integrated Agromet Advisory Service Bulletin from 25st to 29th July '18 Longleng District

Bulletin No:59/2018

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 29th July 2018</i>	
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 27⁰C to 30⁰C and 20⁰C to 21⁰C, respectively. ▪ Relative humidity varied from 65% to 95%. ▪ Wind speed ranged from 2 to 4 kmph 		<ul style="list-style-type: none"> ▪ Probability of moderate rain the coming week. ▪ Max temp is likely to be 29⁰C - 30⁰C and the min temp 21⁰C to 22⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 59% to 99%. ▪ Wind speed may reach upto 2- 3 kmph ▪ Wind direction will be mostly southerly 	
<p>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</p>			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>
Horticultural crop			
<ul style="list-style-type: none"> • <i>Proper weeding, earthing up should be done and staking should be done for good production.</i> 			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <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> ➤ <i>Timely weeding should be carried out</i>
<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</i>

				<i>afternoon or early evening when blossoms are closed for the day.</i>
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> • <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Brinjal		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>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
Livestock				
Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals				
	Poultry	<ul style="list-style-type: none"> • Provide bulb in brooder house. • Maintain dry litter in poultry house • Provide lasota vaccine at 7 days and 30 days of age • Separate sick bird from healthy one 		
	Piggery	<ul style="list-style-type: none"> • Vaccinate small piglet of one month of age against swine fever • Do Artificial Insemination in adult sow (pig) 		
Fisheries				
		<ul style="list-style-type: none"> • Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH • Stock advance fingerling to get better production and provide feed daily. • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes 		

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