

Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Mokokchung District

Bulletin No:64/2018

Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
Light rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 31°C - 32°C and the min temp 21°C to 22°C
27^{0} C to 32^{0} C and 20^{0} C to 21^{0} C, respectively.	■ Sky is likely to be cloudy the coming week
Relative humidity varied from 59% to 93%.	■ Relative Humidity is likely to range from 64% to 94%.
■ Wind speed ranged from 2 to 4 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum Paddy	Panicle initiation		Daily monitoring of the field should be done and assess changes in plant	
	stage		health, pest status and crop damage.	
			Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops	
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.	
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing	
	Horticultural crop			

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

Citrus

fruiting to
harvesting stage

fruiting to
harvesting stage

Cucurbits

fruiting to
harvesting stage

Mealy bug

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.

Timely weeding should be carried out

To check the damage by these flies, fruits should be harvested before they start ripening.

	Okra	Fruiting to harvesting stage	Spotted bollworm	 Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely 		
•	Brinjal		Wilt	 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						
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rain season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.					
	Piggery	• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits				
	Fisheries					
/	Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.					
1				rain can transport a variety of unwanted chemicals into the pond including zers, petroleum products.		
		Avoid areas	where the likelil	nood of chemical runoff is high and avoid using chemicals on the watershed		



Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Mon District

Bulletin No:64/2018

Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
■ Moderate rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29 ^o C - 31 ^o C and the min temp 20 ^o C to 21 ^o C
27°C to 31°C and 20°C to 22°C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 65% to 90%	■ Relative Humidity is likely to range from 66% to 97%.
■ Wind speed ranged from 2 to 3 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

Horticultural crop					
	Proper weeding, earthing up should be done and staking should be done for good production.				
Citrus	Citrus fruiting to harvesting stage Mealy bug		 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. Timely weeding should be carried out 		
Cucurbits	curbits Fruiting to Fruit flies harvesting stage		To check the damage by these flies, fruits should be harvested before they start ripening.		
Okra			 Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely 		
Brinjal	Wilt		 Remove and destroy the affected plant Proper drainage should be maintained in the field 		
Ginger / turmeric			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	Poultry Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes				
• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits					
Fisheries					
 Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed 					

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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Citrus

fruiting to

harvesting

stage

Mealy bug



Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Peren District

Bulletin No:64/2018

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Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
■ Moderate rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29°C - 30°C and the min temp 20°C to 21°C
27^{0} C to 30^{0} C and 20^{0} C to 21^{0} C, respectively.	Sky is likely to be cloudy the coming week
Relative humidity varied from 58% to 94%.	■ Relative Humidity is likely to range from 68% to 97%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 2-5 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	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops		
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.		
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing		
 Proper weeding, earthing up should be done and staking should be done for good production. 					

In citrus orchard, destroy the ant colonies (black ants) as they act as

may die also. In heavily attacked plants, citrus fruits do not set.

Timely weeding should be carried out

the carriers of mealy bug. The affected plants become pale, wilt and

	~		T				
	Cucurbits	Fruiting to	Fruit flies	To check the damage by these flies, fruits should be harvested before they start			
		harvesting		ripening.			
		stage					
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.			
		harvesting	bollworm	Harvesting should be done timely			
		stage		, , , , , , , , , , , , , , , , , , ,			
	Brinjal		Wilt	Remove and destroy the affected plant			
				Proper drainage should be maintained in the field			
	Ginger /	Vegetative	Rhizome rot	Proper drainage and sanitation should be maintained.			
	turmeric	stage		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						
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport during rainy season and feed must be stored in dry place. Care must be taken to fill all the						
				try house which act as a breeding place for insects and mosquitoes.			
\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Piggery			d walls at frequent intervals. Daily inspection early in the morning should be			
	done for any abnormal behaviour. Observe their general stage of health, check for parasites and						
	injuries, and watch out for any abnormal feeding habits						
भाकअनप	Fisheries						
ICAR	Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects						
	as well as unwanted predatory fishes.						
		Runoff	following a hea	avy rain can transport a variety of unwanted chemicals into the pond including			
	pesticides, herbicides, fertilizers, petroleum products.						
		Avoid	areas where th	e likelihood of chemical runoff is high and avoid using chemicals on the			
		watersh	ned				



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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Phek District

Bulletin No:	64/2018				
Weather sun	amary of the prec	reding week	Weather forecast valid upto 15 th Aug 2018		
	occurred the pas	t week	■ Probability of heavy rain the coming week.		
		temperatures	■ Max temp is likely to be 27° C - 29° C and the min temp 18° C to 19° C		
ranged 26°C	to 31° C and 1	8^{0} C to 19^{0} C,	■ Sky is likely to be mainly cloudy the coming week		
respectively.			• Relative Humidity is likely to range from 70% to 95%.		
■ Relative humi	idity varied from	52% to 95%.	■ Wind speed may reach upto 1-2 kmph		
■ Wind speed ranged from 2 to 3 kmph			Wind direction will be mostly southerly		
Timely field sa	nitation should be	e done for all th	ne crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only		
when required.	Don't apply more	e than the recor	mmended dose of the pesticide		
Field crops					
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Iloura Daddu	Daniele		Daily maniforing of the field should be done and assess changes in plant health nost		

Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops	
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.	
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing	
Horticultural crop				

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

Citrus	fruiting to	Mealy bug	In citrus orchard, destroy the ant colonies (black ants) as they act as the
	harvesting stage		carriers of mealy bug. The affected plants become pale, wilt and may die
			also. In heavily attacked plants, citrus fruits do not set.
			> Timely weeding should be carried out

	Cucurbits	Fruiting to	Fruit flies	To check the damage by these flies, fruits should be harvested before they start			
	Cucurous	harvesting	Truit mes	ripening.			
		stage		ripening.			
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.			
		harvesting stage	bollworm	 Harvesting should be done timely 			
	Brinjal	a value grange	Wilt	Remove and destroy the affected plant			
	Divigue		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Proper drainage should be maintained in the field			
	Ginger /	Vegetative	Rhizome rot				
	turmeric	stage	runzome rot	Timely earthing up should be carried out.			
		1 3005		Livestock			
		Water	stagnation sho	ald be avoided in livestock shed to avoid mosquito breeding.			
		vv ater		vide clean and cool drinking water to the animals			
	Poultry	Fungal co		feed during rainy season is a common problem. Avoid transport of feed during rainy			
	•			e stored in dry place. Care must be taken to fill all the ditches in the vicinity of the			
				as a breeding place for insects and mosquitoes.			
	Piggery	Disinfect	the floors and	walls at frequent intervals. Daily inspection early in the morning should be done for			
		any abnor	mal behaviour.	Observe their general stage of health, check for parasites and injuries, and watch out			
		for any ab	normal feeding	; habits			
		Fisheries					
///		Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well					
		as unwanted predatory fishes.					
		• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including					
		pesticides	, herbicides, fer	rtilizers, petroleum products.			
भाकु'अनुप ICA R		Avoid are	as where the lil	kelihood of chemical runoff is high and avoid using chemicals on the watershed			

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Tuensang District

Bulletin No:64/2018

Bulletin No	:64/2018				
	ummary of the prece		Weather forecast valid upto 15 th Aug 2018		
	in occurred the past v		Probability of moderate rain the coming week.		
	nd minimum temper		■ Max temp is likely to be 31°C - 33°C and the min temp 23°C to 26°C		
	C and 20^{0} C to 24^{0} C, 1		Sky is likely to be mainly cloudy the coming week		
	nidity varied from 64		• Relative Humidity is likely to range from 80% to 95%.		
Wind speed	ranged from 2 to 3 k	mph	■ Wind speed may reach upto 1-2 kmph		
			• Wind direction will be mostly southerly		
Timely fi			l the crops. Always use freshly prepared neem seed kernel extract. Apply		
	pesticides only w	hen required. I	On't apply more than the recommended dose of the pesticide		
			Field crops		
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Jhum Paddy	Panicle initiation		Daily monitoring of the field should be done and assess changes in plant		
	stage		health, pest status and crop damage.		
			Through frequent field inspections, pest problems can be identified in time		
			and act quickly to prevent pests from spreading and causing further damage		
			to crops		
TRC/WRC	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots		
paddy			with yellow halo. Severely affected field presents a reddish appearance.		
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to		
			improve crop productivity till 40 days after sowing		
			TT /* 1/ 1		
• Prones	r weeding earthing 1	ın should he do	Horticultural crop one and staking should be done for good production.		
Citrus	fruiting to	Mealy bug	In citrus orchard, destroy the ant colonies (black ants) as they act as		
	harvesting stage		the carriers of mealy bug. The affected plants become pale, wilt and		
			may die also. In heavily attacked plants, citrus fruits do not set.		
			The state of the s		

> Timely weeding should be carried out

	Cucurbits	Fruiting to harvesting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.	
	Okra	Fruiting to harvesting stage	Spotted bollworm	 Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely 	
	Brinjal	0 0	Wilt	 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	 Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinit of the poultry house which act as a breeding place for insects and mosquitoes. 			
	Piggery	for any abno	ormal behaviou	alls at frequent intervals. Daily inspection early in the morning should be done or. Observe their general stage of health, check for parasites and injuries, and I feeding habits	
	Fisheries				
нарзі-ді ІСА R		 Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed 			

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Wokha District

Bulletin No:64/2018

Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
■ Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29°C - 31°C and the min temp 20°C to 21°C
28°C to 29°C and 20°C to 21°C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 55% to 91%.	■ Relative Humidity is likely to range from 58% to 95%.
■ Wind speed ranged from 2 to 4 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
			Horticultural crop
• Proper		hould be done	and staking should be done for good production.
Citrus	fruiting to harvesting stage	Mealy bug	➤ 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.			
				Timely weeding should be carried out			
	Cucurbits	Fruiting to harvesting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.			
	Okra	Fruiting to harvesting stage	Spotted bollworm	 Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely 			
	Brinjal		Wilt	 Remove and destroy the affected plant Proper drainage should be maintained in the field 			
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	 Livestock Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals Fungal contamination of feed during rainy season is a common problem. Avoid tranduring rainy season and feed must be stored in dry place. Care must be taken to fill all the vicinity of the poultry house which act as a breeding place for insects and mosquitoes. 						
NN - 1111	• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits						
X Land	Fisheries						
	Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.						
нфзнц ICAR		pesticides, he	rbicides, fertiliz	in can transport a variety of unwanted chemicals into the pond including zers, petroleum products.			
	 Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed 						

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Citrus



Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Zunheboto District

Bulletin No:64/2018

fruiting to

harvesting stage

Mealy bug

Danemi 110.0 1/2010	
Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
Light rain occurred the past week	■ Probability of light rain the coming week.
• Maximum and minimum temperatures ranged	
27° C to 29° C and 18° C to 19° C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 67% to 92%.	■ Relative Humidity is likely to range from 76% to 94%.
 Wind speed ranged from 2 to 3 kmph 	■ Wind speed may reach upto 1- 2 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				
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops				
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.				
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing				
• Prope	 Horticultural crop Proper weeding, earthing up should be done and staking should be done for good production. 						

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may die also. In heavily attacked plants, citrus fruits do not set.

> Timely weeding should be carried out

the carriers of mealy bug. The affected plants become pale, wilt and

	Cucurbits	Fruiting to harvesting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.		
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.		
	Brinjal	harvesting stage	bollworm Wilt	 Harvesting should be done timely 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	rainy seaso	tamination of for	eed during rainy season is a common problem. Avoid transport of feed during t be stored in dry place. Care must be taken to fill all the ditches in the vicinity act as a breeding place for insects and mosquitoes.		
	Piggery	 Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits 				
		Fisheries				
нарзнач ICAR		 Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed 				

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Dimapur District

Bulletin No:64/2018

Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 34 ⁰ C to	■ Max temp is likely to be 33 ^o C - 35 ^o C and the min temp 24 ^o C to 25 ^o C
35°C and 24°C to 25°C, respectively.	■ Sky is likely to be cloudy the coming week
■ Relative humidity varied from 40% to 95%.	■ Relative Humidity is likely to range from 65% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 1-2 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
Crons	Stage	Post/	Agro-meteorological Ag

Stage	Pest/	Agro-meteorological Advisories
	Diseases	
Panicle initiation		Daily monitoring of the field should be done and assess changes in plant health,
stage		pest status and crop damage.
		Through frequent field inspections, pest problems can be identified in time and
		act quickly to prevent pests from spreading and causing further damage to crops
Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with
		yellow halo. Severely affected field presents a reddish appearance.
Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve
		crop productivity till 40 days after sowing
	Panicle initiation stage Tillering stage	Panicle initiation stage Tillering stage Brown spot

Horticultural crop

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

• 1 roper weeding, earning up should be done and staking should be done for good production.				
Citrus	fruiting to	Mealy bug	➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the	
	harvesting stage		carriers of mealy bug. The affected plants become pale, wilt and may die	
			also. In heavily attacked plants, citrus fruits do not set.	
			Timely weeding should be carried out	
Cucurbits	Fruiting to	Fruit flies	To check the damage by these flies, fruits should be harvested before they start	
	harvesting stage		ripening.	
Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.	
	Cucurbits	Citrus fruiting to harvesting stage Cucurbits Fruiting to harvesting stage	Citrus fruiting to harvesting stage Mealy bug Cucurbits Fruiting to harvesting stage Fruit flies	

		harvesting stage	bollworm	Harvesting should be done timely			
	Brinjal		Wilt	Remove and destroy the affected plant			
				Proper drainage should be maintained in the field			
	Ginger /	Vegetative stage	Rhizome	Proper drainage and sanitation should be maintained.			
	turmeric		rot	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						
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.						
	Piggery • Disinfect the floors and walls at frequent intervals. Daily inspection early in the for any abnormal behaviour. Observe their general stage of health, check for pawatch out for any abnormal feeding habits						
				Fisheries			
		well as u	nwanted preda	covered with mesh cloth which will help in preventing entry of unwanted insects as atory fishes. eavy rain can transport a variety of unwanted chemicals into the pond including			
нарзіну ІСА В		-		fertilizers, petroleum products. likelihood of chemical runoff is high and avoid using chemicals on the watershed			
				6			

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

Cucurbits

Okra

Fruiting to

harvesting stage

Fruiting to

Fruit flies

Spotted

ripening.



Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Kiphire District

Bulletin No:64/2018

Duiletiii 110.04/2010	
Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
■ Moderate rain occurred the past week	■ Probability of heavy rain the coming week.
	■ Max temp is likely to be 31°C - 32°C and the min temp 21°C to 22°C
27^{0} C to 33^{0} C and 20^{0} C to 23^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 47% to 95%.	■ Relative Humidity is likely to range from 73% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ 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/	Agro-meteorological Advisories
P		Diseases	
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
			Horticultural crop
 Proper we 	eding, earthing up s	hould be done d	and staking should be done for good production.
Citrus	fruiting to harvesting stage	Mealy bug	 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. Timely weeding should be carried out

To check the damage by these flies, fruits should be harvested before they start

• Remove regularly the attacked fruits and bury deep in the soil.

		hammadina stars	la o Herrio mas	TT .: 1 111 1 .: 1
		harvesting stage	bollworm	Harvesting should be done timely
	Brinjal		Wilt	Remove and destroy the affected plant
				Proper drainage should be maintained in the field
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.
	turmeric			Timely earthing up should be carried out.
				Livestock
		Water sta	~	be avoided in livestock shed to avoid mosquito breeding.
			Daily provid	e clean and cool drinking water to the animals
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the poultry house which act as a breeding place for insects and mosquitoes.			
	Piggery	any abnorm		alls at frequent intervals. Daily inspection early in the morning should be done for Observe their general stage of health, check for parasites and injuries, and watching habits
				Fisheries
भावि अनेत		 Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. 		
ICAR		• Avoid areas	where the like	lihood of chemical runoff is high and avoid using chemicals on the watershed

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Kohima District

Bulletin No:64/2018

harvesting stage

Weather summary of the preceding week	Weather forecast valid upto 15 th Aug 2018
■ Moderate rain occurred the past week	■ Probability of heavy rain the coming week.
■ Maximum and minimum temperatures ranged 26	■ Max temp is likely to be 27 ^o C - 28 ^o C and the min temp 18 ^o C to 19 ^o C
⁰ C to 28 ⁰ C and 19 ⁰ C to 21 ⁰ C, respectively.	Sky is likely to be cloudy the coming week
Relative humidity varied from 58% to 97%.	■ Relative Humidity is likely to range from 70% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ 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/	Agro-meteorological Advisories			
		Diseases				
Jhum Paddy	Panicle initiation		Daily monitoring of the field should be done and assess changes in plant			
	stage		health, pest status and crop damage.			
			Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops			
TRC/WRC paddy	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.			
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing			
• Proper w	 Horticultural crop Proper weeding, earthing up should be done and staking should be done for good production. 					
Citrus	fruiting to	Mealy bug	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.			
				Timely weeding should be carried out			
	Cucurbits	Fruiting to	Fruit flies	To check the damage by these flies, fruits should be harvested before they			
		harvesting stage		start ripening.			
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.			
		harvesting stage	bollworm	Harvesting should be done timely			
	Brinjal		Wilt	Remove and destroy the affected plant			
				Proper drainage should be maintained in the field			
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.			
	turmeric			Timely earthing up should be carried out.			
	Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake			
	Mandarin		aphids,	the trees to collect adult trunk borer			
			mites, trunk				
			borer				
				Livestock			
				voided in livestock shed to avoid mosquito breeding.			
				an and cool drinking water to the animals			
	Poultry			feed during rainy season is a common problem. Avoid transport of feed			
				ed must be stored in dry place. Care must be taken to fill all the ditches in			
		·		nouse which act as a breeding place for insects and mosquitoes.			
	Piggery			alls at frequent intervals. Daily inspection early in the morning should be			
				ehaviour. Observe their general stage of health, check for parasites and			
		injuries, an	d watch out for	any abnormal feeding habits			
		Fisheries Fisher					
		Water inle	t should be cov	vered with mesh cloth which will help in preventing entry of unwanted			
\\\ \		insects as v	vell as unwanted	l predatory fishes.			
	Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including						
				lizers, petroleum products.			
		Avoid area	as where the li	kelihood of chemical runoff is high and avoid using chemicals on the			
माकुअनुप ICAR		watershed					

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Longleng District

Bulletin No:	Bulletin No:64/2018						
Weather summary of the preceding week			Weather forecast valid upto 15 th Aug 2018				
 Light rain occurred the past week Maximum and minimum temperatures ranged 29°C to 31°C and 20°C to 21°C, respectively. Relative humidity varied from 65% to 95%. Wind speed ranged from 2 to 4 kmph 		ranged 29 ⁰ C	Probability of light rain the coming week. Max temp is likely to be 31°C - 32°C and the min temp 21°C to 22°C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 58% to 95%. 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						
Field crops							
only when required. Don't apply more than the recommended dose of the pesticide Field crops							

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Panicle initiation stage		Daily monitoring of the field should be done and assess changes in
			plant health, pest status and crop damage.
			Through frequent field inspections, pest problems can be identified in
			time and act quickly to prevent pests from spreading and causing
			further damage to crops
TRC/WRC	Tillering stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar
paddy			spots with yellow halo. Severely affected field presents a reddish appearance.
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to
			improve crop productivity till 40 days after sowing

Horticultural crop

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

Citrus	fruiting to Mealy bug harvesting stage		>	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. Timely weeding should be carried out	

	Cucurbits	Fruiting to	Fruit flies	To check the damage by these flies, fruits should be harvested before they		
		harvesting stage		start ripening.		
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.		
		harvesting stage	bollworm	Harvesting should be done timely		
	Brinjal		Wilt	Pamous and destroy the affected plant		
	<i>Drinjai</i>		VV III	Remove and destroy the affected plant Proper during a charled by a girtain adding the field.		
				Proper drainage should be maintained in the field		
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.		
	turmeric			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					
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport of					
		during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditche				
	 the vicinity of the poultry house which act as a breeding place for insects and mosquitoes. Piggery Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should 					
		done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits				
	Fisheries					
\\\\	Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted in					
	as well as unwanted predatory fishes.					
	Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including					
	pesticides, herbicides, fertilizers, petroleum products.					
ніф'янц ІСАК	Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the					
		watershed				

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