



Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Dimapur District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 2018
■ Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 29 ^o C to	■ Max temp is likely to be 31° C - 32° C and the min temp 21° C to 22° C
30^{0} C and 20^{0} C to 21^{0} C, respectively.	Sky is likely to be partly cloudy the coming week
■ Relative humidity varied from 42% to 90%.	■ Relative Humidity is likely to range from 40% to 87%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2-4 kmph
	Wind direction will be mostly southerly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	Khasi Mandarin		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees	
	Knasi Manaarin		aphids,	to collect adult trunk borer	
			mites,	to conect duni trank borer	
			trunk borer		
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.	
				Cultural practices like clean cultivation should be carried out so as to reduce the	
				pest damage.	
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
		stage		Maize should be planted on the border to control movement of white flies	
	Ginger /	Vegetative stage	Rhizome	The plot should be well drained free from water logging and while planting	
	turmeric		rot	healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
				Livestock	
	Water stage	nation should be ave	oided in livest	ock shed to avoid mosquito breeding	
	Poultry	• Double	the watering s	space in poultry houses during summer. Provide plenty of fresh, clean and cool	
		drinking	water during	hot weather	
		• In order	to encourage f	Geed intake during summer, reduce the energy content of the feed by 10%	
		Birds mu	ust be vaccinat	red against infectious diseases	
				wet litter immediately from the poultry house to stop excess heat production	
	Piggery			access to an abundant fresh, cool drinking water to avoid heat stress	
	- 188-19			er in protein and vitamins to help compensate for their reductionin food intake as	
			_		
		pigs tene	igs tend to eat less feed during summer		
· · · · · · · · · · · · · · · · · · ·	Fisheries				
Whatel	Lime pond as per recommended dose @10kg/bigha				
		Stock fis	sh fingerling @	98000/ha	
		• Strength	en embankme	nt to avoid erosion due to heavy rainfall	
भाकु अनुप		If possib	ole, stock bigge	er size fish seed to ensure faster growth	
ICAR					

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 &	
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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Kiphire District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 25° C - 26° C and the min temp 15° C to 16° C
28° C to 30° C and 14° C to 15° C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 23% to 85%.	■ Relative Humidity is likely to range from 55% to 92%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 0-4 kmph
	Wind direction will be mostly southerly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

Field crops

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting

	• Transplan	ting of King chili sho	ould be done		
	Khasi Mandarin Cucurbits Vegetative stage		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer	
			Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.	
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies	
	Ginger / Vegetative stage R turmeric		Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
	Water stage	gnation should be avo	oided in livesto	Livestock ck shed to avoid mosquito breeding	
	Poultry	 Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases 			
		Remove cal	xed up and wet	litter immediately from the poultry house to stop excess heat production	
	Piggery	 Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer 			
		Fisheries			
ыgрэндц ICAR		 Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth 			

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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
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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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18Kohima District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 2018
■ Light rain occurred the past week	Probability of moderate rain the coming week.
	■ Max temp is likely to be 23 ^o C - 24 ^o C and the min temp 13 ^o C to 14 ^o C
⁰ C to 27 ⁰ C and 14 ⁰ C to 15 ⁰ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 34% to 92%.	■ Relative Humidity is likely to range from 62% to 95%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2-3 kmph
	Wind direction will be mostly southerly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Field crops

Main Crops	Stage	Pest/	Agro-meteorological Advisories	
		Diseases		
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.	
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. 	
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done	
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well	
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price	

Horticultural crop

• Standing rain water in the field may be drained off immediately after rain

 Planting 	Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping				
 Soil app 	• Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting				
 Transpla 	Fransplanting of King chili should be done				
Khasi Mandarin		Leaf miner, aphids, mites, trunk	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer		
Cucurbits	Vacatativa staga	borer Red beetle	Till lung is the near new of of activity.		
Cucurous	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.		
Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.		
Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies		
Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.		
Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake		
Mandarin	1 '		the trees to collect adult trunk borer		
		mites, trunk			
	borer				
Water st	 Water stagnation should be avoided in livestock shed to avoid mosquito breeding 				
Poultry	Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool				
2 0 00001 9	drinking water during hot weather				
		· ·	intake during summer, reduce the energy content of the feed by 10%		
			against infectious diseases		
			litter immediately from the poultry house to stop excess heat production		
Piggery			ss to an abundant fresh, cool drinking water to avoid heat stress		
riggery		1 0			
		• Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake			
	as pigs tend to eat less feed during summer				
			Fisheries		
	Lime pond	as per recomme	ended dose @10kg/bigha		
	Stock fish f	ingerling @800	00/ha		
	• Strengthen	embankment to	avoid erosion due to heavy rainfall		
	• If possible,	stock bigger siz	ze fish seed to ensure faster growth		



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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Longleng District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 2018
Light rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged 28°C	■ Max temp is likely to be 25° C - 26° C and the min temp 15° C to 16° C
to 30°C and 16°C to 17°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 23% to 90%.	■ Relative Humidity is likely to range from 55% to 91%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price
		H	Iorticultural crop

	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer		
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.		
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.		
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies		
	Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to preven rhizome rot.		
	***	1 111		Livestock		
-	• Water Poultry			k shed to avoid mosquito breeding in poultry houses during summer. Provide plenty of fresh, clean and coo		
	1 outiny		ter during hot w			
				ntake during summer, reduce the energy content of the feed by 10%		
		Birds must l	be vaccinated ag	e vaccinated against infectious diseases		
		Remove cake	xed up and wet l	itter immediately from the poultry house to stop excess heat production		
	Piggery	• Ensure that	pigs have access	s to an abundant fresh, cool drinking water to avoid heat stress		
				protein and vitamins to help compensate for their reductionin food intake as		
		pigs tend to	eat less feed du	~		
				Fisheries		
W		Lime pond as per recommended dose @10kg/bigha				
//\	Stock fish fingerling @8000/ha		ingerling @8000	O/ha		
		•		avoid erosion due to heavy rainfall		
ų R		If possible,	stock bigger size	e fish seed to ensure faster growth		

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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Mokokchung District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 25° C - 27° C and the min temp 15° C to 16° C
25^{0} C to 30^{0} C and 14^{0} C to 16^{0} C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 29% to 94%.	■ Relative Humidity is likely to range from 58% to 92%.
■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 2 - 5 kmph
	Wind direction will be southeasterly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	1	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer	
Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.	
Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies	
Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
• Water	stagnation should be a	avoided in livest	Livestock ock shed to avoid mosquito breeding	
Poultry	 Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production 			
Piggery	 Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer 			
			Fisheries	
	 Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth 			



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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Mon District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 24° C - 25° C and the min temp 14° C to 15° C
26° C to 28° C and 14° C to 15° C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 33% to 90%	■ Relative Humidity is likely to range from 66% to 90%.
■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 3- 4 kmph
	Wind direction will be mostly southeasterly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	1	1 - 0 .		
Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to	
Mandarin		aphids, mites,	collect adult trunk borer	
		trunk borer		
Cucurbits	Vegetative to	Red beetle	Till June is the peak period of activity.	
	flowering stage		Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.	
			Neem oil can be sprayed 5ml/lit of water in case of leaf eating caterpillar.	
			For fruit fly, poison bait can be prepared with 250gm of jaggery with Fenthion 20ml	
			+ 1 liter water can be kept in plastic bowls in bottle gourd/cucumber/ cucurbit fields	
			to check the fruit fly	
Okra	Fruiting stage	Fruit and shoot	Collect and destroy all the infested fruits.	
		borer		
Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
	stage		Maize should be planted on the border to control movement of white flies	
Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy	
turmeric			rhizomes should be used for cultivation so as to prevent rhizome rot.	
Livestock				

Water stagna	Water stagnation should be avoided in livestock shed to avoid mosquito breeding						
Poultry	• Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking						
	water during hot weather						
	 In order to encourage feed intake during summer, reduce the energy content of the feed by 10% 						
	Birds must be vaccinated against infectious diseases						
	 Remove caked up and wet litter immediately from the poultry house to stop excess heat production 						
Piggery	Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress						
	• Offer feed that is higher in protein and vitamins to help compensate for their reduction in food intake as pigs tend						
	to eat less feed during summer						
Fisheries							



- Lime pond as per recommended dose @10kg/bigha
- Stock fish fingerling @8000/ha
- Strengthen embankment to avoid erosion due to heavy rainfall
- If possible, stock bigger size fish seed to ensure faster growth

Sl.no	Name	Designation	Department	
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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Peren District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 24 ^o C - 25 ^o C and the min temp 14 ^o C to 15 ^o C	
27^{0} C to 29^{0} C and 13^{0} C to 15^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week	
Relative humidity varied from 30% to 90%.	■ Relative Humidity is likely to range from 60% to 99%.	
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2-3 kmph	
•	Wind direction will be mostly southeasterly	

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price
			Horticultural crop

Standing rain water in the field may be drained off immediately after rain Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting Transplanting of King chili should be done Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the Khasi Leaf miner, trees to collect adult trunk borer aphids, Mandarin mites, trunk borer Till June is the peak period of activity. **Cucurbits** Vegetative Red beetle Cultural practices like clean cultivation should be carried out so as to reduce stage the pest damage. Collect and destroy all the infested shoots and fruits. Okra Flowering stage Transplantin Thoroughly prepare the field with application of well dried FYM. **Brinjal** Maize should be planted on the border to control movement of white flies g stage Rhizome rot The plot should be well drained free from water logging and while planting Ginger / Vegetative healthy rhizomes should be used for cultivation so as to prevent rhizome rot. turmeric stage Livestock Water stagnation should be avoided in livestock shed to avoid mosquito breeding **Poultry** Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production **Piggery** Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as



Fisheries

• Lime pond as per recommended dose @10kg/bigha

pigs tend to eat less feed during summer

- Stock fish fingerling @8000/ha
- Strengthen embankment to avoid erosion due to heavy rainfall
- If possible, stock bigger size fish seed to ensure faster growth

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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Phek District

Bulletin No:40/2018

2022002211001072020			
Weather summary of the preceding week	Weather forecast valid upto 23 rd May 2018		
	■ Probability of moderate rain the coming week.		
	• Max temp is likely to be 23° C - 24° C and the min temp 14° C to 15° C		
ranged 26° C to 28° C and 13° C to 15° C,	Sky is likely to be mainly cloudy the coming week		
respectively.	■ Relative Humidity is likely to range from 51% to 100%.		
Relative humidity varied from 28% to 90%.	■ Wind speed may reach upto 1-2 kmph		
■ Wind speed ranged from 3 to 4 kmph	Wind direction will be mostly southeasterly		

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

			Field crops
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price
			Horticultural crop

	 Standing rain water in the field may be drained off immediately after rain Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting 			
	Transplanting of King chili should be done			
Khasi MandarinLeaf miner, aphids, mites, trunkSpray neem oil to collect adult			Leaf miner, aphids,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies
	Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.
	• Water	stagnation should	oe avoided in l	Livestock ivestock shed to avoid mosquito breeding
	Poultry	water duri In order to Birds mus	ng hot weather encourage fee t be vaccinated	the in poultry houses during summer. Provide plenty of fresh, clean and cool drinking and intake during summer, reduce the energy content of the feed by 10% against infectious diseases against infectious diseases are litter immediately from the poultry house to stop excess heat production
	 Piggery Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pig tend to eat less feed during summer 			
				Fisheries
нарзінді ІСА R		 Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth 		

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Tuensang District

Bulletin No:40/2018

Weather summary of the preceding week Light rain occurred the past week Maximum and minimum temperatures ranged 24°C to 25°C and 11°C to 12°C, respectively. Relative humidity varied from 29% to 90%. Wind speed ranged from 3 to 4 kmph Weather forecast valid upto 23rd May 2018 Probability of moderate rain the coming week. Max temp is likely to be 20°C - 21°C and the min temp 11°C to 12°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 59% to 100%. Wind speed may reach upto 1-2 kmph Wind direction will be mostly south westerly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting

	• Trans	planting of King chili	should be don	e
	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies
	Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.
	Water	stagnation should be	avoided in live	Livestock estock shed to avoid mosquito breeding
	Poultry	Double the		e in poultry houses during summer. Provide plenty of fresh, clean and cool
			•	intake during summer, reduce the energy content of the feed by 10% gainst infectious diseases
		Remove call	ked up and wet	litter immediately from the poultry house to stop excess heat production
	Piggery	Ensure that	pigs have acces	ss to an abundant fresh, cool drinking water to avoid heat stress
			hat is higher in eat less feed d	protein and vitamins to help compensate for their reductionin food intake as aring summer
		Fisheries		
माकुअनुप		 Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth 		

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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Wokha District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 24° C - 25° C and the min temp 14° C to 15° C
28^{0} C to 29^{0} C and 15^{0} C to 16^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 60% to 90%.	■ Relative Humidity is likely to range from 77% to 95%.
■ Wind speed ranged from 4 to 5 kmph	■ Wind speed may reach upto 4- 5 kmph
	Wind direction will be southeasterly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.		
Paddy	Storage		 Place sticky traps in the drying and storage areas for rats. Storage rooms should be physically rodent and bird proof, if possible. Inspect the stored seeds once a week for signs of insect infestation. 		
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done		
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well		
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price		
	Horticultural crop				

	Standing rain water in the field may be drained off immediately after rain						
	Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping						
	 Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting Transplanting of King chili should be done 						
	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer			
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.			
	Okra	Flowering stage		Collect and destroy all the infested shoots and fruits.			
	Brinjal Transplanting stage Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white						
	Ginger / Vegetative stage Rhizome rot The plot should be well drained free from water logging and wh planting healthy rhizomes should be used for cultivation so as to prever thizome rot.						
	▲ Water st	agnation should be avo	oided in livesto	Livestock			
	 Water stagnation should be avoided in livestock shed to avoid mosquito breeding Poultry Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cood drinking water during hot weather 						
			_	take during summer, reduce the energy content of the feed by 10% iinst infectious diseases			
				ter immediately from the poultry house to stop excess heat production			
NN 1111	 Piggery Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer 						
	Fisheries						
		Lime pond as	per recommend	ded dose @10kg/bigha			
आळअनप		•	gerling @8000/				
ICAR		Strengthen em	bankment to a	void erosion due to heavy rainfall			
		• If possible, sto	ock bigger size	fish seed to ensure faster growth			

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Integrated Agromet Advisory Service Bulletin from 19th to 23rd May'18 Zunheboto District

Bulletin No:40/2018

Weather summary of the preceding week	Weather forecast valid upto 23 rd May 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 24 ^o C - 25 ^o C and the min temp 14 ^o C to 15 ^o C
27°C to 29°C and 12°C to 16°C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 31% to 90%.	■ Relative Humidity is likely to range from 77% to 98%.
Wind speed ranged from 4 to 5 kmph	■ Wind speed may reach upto 2-5 kmph
	Wind direction will be southeasterly

- Water run-off from roads in farm lands can be harvested by directing it into gardens through trenches dug from road sides into gardens. For water from roof-tops, underground tanks can be dug that can be lined with plastic or trapped into various containers such as tanks ready for irrigation use
- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		Place sticky traps in the drying and storage areas for rats.
			• Storage rooms should be physically rodent and bird proof, if possible.
			• Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water			Summer rain is erratic. Dig more number of jalkund or pond to store water
harvesting			right now. Harvested rainwater can give you off season vegetable and a good price
			Horticultural crop

	PlantinSoil approximation	tanding rain water in the field may be drained off immediately after rain lanting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping oil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting ransplanting of King chili should be done					
	Khasi Mandarin		Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer				
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.			
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.			
	Brinjal	Transplanting stage					
	Ginger / turmeric	Vegetative stage Rhizome rot The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.					
	• Water	stagnation should be	e avoided in live	Livestock estock shed to avoid mosquito breeding			
	Poultry	 Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool drinking water during hot weather In order to encourage feed intake during summer, reduce the energy content of the feed by 10% Birds must be vaccinated against infectious diseases Remove caked up and wet litter immediately from the poultry house to stop excess heat production 					
	Piggery	 Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer 					
				Fisheries			
нфзни ICAR		 Lime pond as per recommended dose @10kg/bigha Stock fish fingerling @8000/ha Strengthen embankment to avoid erosion due to heavy rainfall If possible, stock bigger size fish seed to ensure faster growth 					

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