




Integrated Agromet Advisory Service Bulletin from 5th to 9th May'18

Dimapur District

Bulletin No:36/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 9th May 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 26⁰C to 34⁰C and 17⁰C to 20⁰C, respectively. Relative humidity varied from 42% to 96%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 28⁰C - 30⁰C and the min temp 20⁰C to 21⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 30% to 90%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly easterly
<ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> 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 			
<i>Khasi Mandarin</i>		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
<i>Cucurbits</i>	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

				<i>pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	<i>Livestock</i>			
	<ul style="list-style-type: none">Water stagnation should be avoided in livestock shed to avoid mosquito breeding			
	Poultry	<ul style="list-style-type: none">Double the watering space in poultry houses during summer. Provide plenty of fresh , clean and cool drinking water during hot weatherIn order to encourage feed intake during summer, reduce the energy content of the feed by 10%Birds must be vaccinated against infectious diseasesRemove caked up and wet litter immediately from the poultry house to stop excess heat production		
	Piggery	<ul style="list-style-type: none">Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stressOffer 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		
	<i>Fisheries</i>			
		<ul style="list-style-type: none">Lime pond as per recommended dose @10kg/bighaStock fish fingerling @8000/haStrengthen embankment to avoid erosion due to heavy rainfallIf possible, stock bigger size fish seed to ensure faster growth		

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 5th to 9th May '18 Kiphire District

Bulletin No:36/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 28⁰C and 15⁰C to 16⁰C, respectively.
- Relative humidity varied from 23% to 85%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 9th May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 23⁰C - 24⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 34% to 90%.
- **Wind speed** may reach upto 2-3 kmph
- **Wind direction** will be mostly easterly

- 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. Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too


Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul style="list-style-type: none"> • 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	Vegetative stage	-	Clean cultivation should be maintained
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
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	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	Livestock			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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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3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 5th to 9th May'18 Kohima District

Bulletin No:36/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 26⁰C and 14⁰C to 15⁰C, respectively.
- Relative humidity varied from 34% to 90%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 9th May 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 19⁰C - 21⁰C and the **min temp** 13⁰C to 14⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 45% to 92%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly southerly

- 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
- Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too


Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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

<i>Khasi</i> <i>Mandarin</i>		Leaf miner, aphids, mites, trunk	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
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			borer	
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</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			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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 5th to 9th May'18 Longleng District

Bulletin No:36/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 9th May 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 27⁰C and 17⁰C to 18⁰C, respectively. Relative humidity varied from 23% to 85%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 23⁰C - 24⁰C and the min temp 14⁰C to 15⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 38% to 97%. Wind speed may reach upto 3- 5 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul style="list-style-type: none"> 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	Vegetative stage	-	Clean cultivation should be maintained
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
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> 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,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer

			mites, trunk borer	
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	Livestock			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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 5th to 9th May'18

Mokokchung District

Bulletin No:36/2018

Weather summary of the preceding week			Weather forecast valid upto 9 th May 2018
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 28^oC to 30^oC and 14^oC to 15^oC, respectively. Relative humidity varied from 29% to 80%. Wind speed ranged from 3 to 5 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 23^oC - 24^oC and the min temp 14^oC to 15^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 54% to 92%. Wind speed may reach upto 3 - 5 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> 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	-	<ul style="list-style-type: none"> Timely weeding should be done.
Paddy	Storage		<ul style="list-style-type: none"> 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	Vegetative stage	-	Clean cultivation should be maintained
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			
<ul style="list-style-type: none"> 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	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer

		borer	
<i>Cucurbits</i>	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
<i>Okra</i>	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
<i>Brinjal</i>	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
<i>Ginger / turmeric</i>	Vegetative stage	Rhizome rot	<i>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.</i>
<i>Livestock</i>			
<ul style="list-style-type: none">Water stagnation should be avoided in livestock shed to avoid mosquito breeding			
<i>Poultry</i>	<ul style="list-style-type: none">Double the watering space in poultry houses during summer. Provide plenty of fresh , clean and cool drinking water during hot weatherIn order to encourage feed intake during summer, reduce the energy content of the feed by 10%Birds must be vaccinated against infectious diseasesRemove caked up and wet litter immediately from the poultry house to stop excess heat production		
<i>Piggery</i>	<ul style="list-style-type: none">Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stressOffer 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		
<i>Fisheries</i>			
	<ul style="list-style-type: none">Lime pond as per recommended dose @10kg/bighaStock fish fingerling @8000/haStrengthen embankment to avoid erosion due to heavy rainfallIf possible, stock bigger size fish seed to ensure faster growth		



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Integrated Agromet Advisory Service Bulletin from 5th to 9th May'18 Mon District

Bulletin No:36/2018

Weather summary of the preceding week			Weather forecast valid upto 9 th May 2018
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 26⁰C to 28⁰C and 14⁰C to 16⁰C, respectively. Relative humidity varied from 33% to 87% Wind speed ranged from 3 to 5 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 21⁰C - 22⁰C and the min temp 13⁰C to 14⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 50% to 90%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly southerly
<ul style="list-style-type: none"> 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
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Paddy	Storage		<ul style="list-style-type: none"> 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	Vegetative stage	-	Clean cultivation should be maintained
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			
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Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the

	Mandarin		aphids, mites, trunk borer	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.
	Livestock <ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
			<ul style="list-style-type: none"> 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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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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Integrated Agromet Advisory Service Bulletin from 5th to 9th May '18 Peren District

Bulletin No:36/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 9th May 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 26⁰C to 29⁰C and 14⁰C to 15⁰C, respectively. Relative humidity varied from 30% to 87%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 20⁰C - 21⁰C and the min temp 13⁰C to 14⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 44% to 95%. Wind speed may reach upto 4-5 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> 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	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
Livestock				
<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 				
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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 		

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 5th to 9th May '18 Phek District

Bulletin No:36/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 24⁰C and 14⁰C to 15⁰C, respectively.
- Relative humidity varied from 28% to 85%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 9th May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 20⁰C - 21⁰C and the **min temp** 13⁰C to 14⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 44% to 90%.
- **Wind speed** may reach upto 2-3 kmph
Wind direction will be southeasterly


- 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. Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
<p style="text-align: center;">Livestock</p> <ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 				
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 		
<p style="text-align: center;">Fisheries</p>				
		<ul style="list-style-type: none"> 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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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
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Integrated Agromet Advisory Service Bulletin from 5th to 9th May'18

Tuensang District

Bulletin No:36/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 9th May 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 25⁰C to 27⁰C and 13⁰C to 14⁰C, respectively. Relative humidity varied from 29% to 80%. Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 17⁰C - 18⁰C and the min temp 11⁰C to 12⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 48% to 95%. Wind speed may reach upto 2-3 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> 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 <p>Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too</p>			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> 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 			
<i>Khasi Mandarin</i>		Leaf miner, aphids, mites, trunk	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer

			borer	
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	Livestock			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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 5th to 9th May '18 Wokha District

Bulletin No:36/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 29⁰C and 14⁰C to 15⁰C, respectively.
- Relative humidity varied from 32% to 85%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 9th May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 21⁰C - 22⁰C and the **min temp** 13⁰C to 14⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 61% to 91%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be southeasterly


- 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. Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • 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.
<i>Green gram</i>	Vegetative stage	-	Clean cultivation should be maintained
<i>Maize</i>	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
<i>Water harvesting</i>			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	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage		<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	Livestock			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
	<ul style="list-style-type: none"> 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 5th to 9th May'18 Zunheboto District

Bulletin No:36/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25⁰C to 29⁰C and 14⁰C to 15⁰C, respectively.
- Relative humidity varied from 31% to 84%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 9th May 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 19⁰C - 20⁰C and the **min temp** 12⁰C to 13⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 43% to 90%.
- **Wind speed** may reach upto 3-5 kmph
- **Wind direction** will be southeasterly


- 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. Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul style="list-style-type: none"> • 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	Vegetative stage	-	Clean cultivation should be maintained
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	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	Cucurbits	Vegetative stage	Red beetle	<i>Till June is the peak period of activity. Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.</i>
	Okra	Flowering stage	-	<i>Collect and destroy all the infested shoots and fruits.</i>
	Brinjal	Transplanting stage	-	<i>Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies</i>
	Ginger / turmeric	Vegetative stage	Rhizome rot	<i>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.</i>
	Livestock			
	<ul style="list-style-type: none"> Water stagnation should be avoided in livestock shed to avoid mosquito breeding 			
	Poultry	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
		<ul style="list-style-type: none"> 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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