




Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18

Dimapur District

Bulletin No:43/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 3rd June 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 31⁰C to 32⁰C and 22⁰C to 23⁰C, respectively. Relative humidity varied from 42% to 91%. 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 30⁰C - 33⁰C and the min temp 21⁰C to 23⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 32% to 85%. Wind speed may reach upto 2- 3 kmph Wind direction will be mostly southeasterly
<ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	<ul style="list-style-type: none"> Timely weeding should be done.
<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>	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
<i>Maize</i>	Inflorescence stage		Timely weeding and earthing up should be done so as to prevent the plants from lodging
<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

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 30th May to 3rd June '18 Kiphire District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28⁰C to 29⁰C and 14⁰C to 17⁰C, respectively.
- Relative humidity varied from 23% to 92%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27⁰C - 29⁰C and the **min temp** 16⁰C to 18⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 95%.
- **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


Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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		Leaf miner,	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the</i>
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	Mandarin		aphids, mites, trunk borer	<i>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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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 30th May to 3rd June '18 Kohima District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25^oC to 26^oC and 13^oC to 14^oC, respectively.
- Relative humidity varied from 34% to 95%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 24^oC - 26^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 58% to 95%.
- **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/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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

	<ul style="list-style-type: none">• 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>
	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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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Longleng District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28⁰C to 29⁰C and 16⁰C to 17⁰C, respectively.
- Relative humidity varied from 23% to 90%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27⁰C - 29⁰C and the **min temp** 16⁰C to 18⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 95%.
- **Wind speed** may reach upto 2- 3kmph
- **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

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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

- 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

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



Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Mokokchung District

Bulletin No:43/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 3rd June 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 27⁰C to 29⁰C and 15⁰C to 17⁰C, respectively. Relative humidity varied from 29% to 94%. 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 27⁰C - 29⁰C and the min temp 16⁰C to 18⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 53% to 92%. Wind speed may reach upto 3 - 4 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	<ul style="list-style-type: none"> Timely weeding should be done.
<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>	Flowering stage	-	Clean cultivation should be maintained. Proper earthing up should be done
<i>Maize</i>	Inflorescence stage		Timely weeding and earthing up should be done so as to prevent the plants from lodging
<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 			

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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>
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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 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		
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Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Mon District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 28⁰C and 14⁰C to 16⁰C, respectively.
- Relative humidity varied from 65% to 90%
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 26⁰C - 28⁰C and the **min temp** 15⁰C to 17⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 55% to 94%.
- **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
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Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
<i>Cucurbits</i>	Vegetative to flowering 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. 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</i>
<i>Okra</i>	Fruiting stage	Fruit and shoot borer	<i>Collect and destroy all the infested 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>

Livestock

- 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 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
<i>Piggery</i>	<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



- 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

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Peren District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 28⁰C and 15⁰C to 16⁰C, respectively.
- Relative humidity varied from 30% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26⁰C - 28⁰C and the **min temp** 16⁰C to 17⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 60% to 97%.
- **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

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		• <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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

Sl.no	Name	Designation	Department	
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
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Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Phek District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 14⁰C to 15⁰C, respectively.
- Relative humidity varied from 28% to 92%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018


- Probability of moderate rain the coming week.
- **Max temp** is likely to be 25⁰C - 26⁰C and the **min temp** 14⁰C to 16⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 95%.
- **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

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	• <i>Timely weeding should be done.</i>
Paddy	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
Green gram	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
Maize	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</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>

<p style="text-align: center;">Horticultural crop</p> <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>
<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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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
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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 30th May to 3rd June '18 Tuensang District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 10⁰C to 12⁰C, respectively.
- Relative humidity varied from 29% to 90%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 3rd June 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 22⁰C - 24⁰C and the **min temp** 12⁰C to 13⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 95%.
- **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/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

- 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

	<ul style="list-style-type: none"> 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 		

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 30th May to 3rd June '18 Wokha District

Bulletin No:43/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 28⁰C and 15⁰C to 16⁰C, respectively.
- Relative humidity varied from 60% to 94%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 3rd June 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 26⁰C - 28⁰C and the **min temp** 15⁰C to 19⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 91%.
- **Wind speed** may reach upto 3- 4 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


Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		<ul style="list-style-type: none"> • <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

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

	<ul style="list-style-type: none"> 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 30th May to 3rd June '18

Zunheboto District

Bulletin No:43/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 28⁰C and 12⁰C to 16⁰C, respectively.
- Relative humidity varied from 75% to 95%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 3rd June 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 26⁰C - 28⁰C and the **min temp** 15⁰C to 17⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 96%.
- **Wind speed** may reach upto 2-4 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

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Vegetative stage	-	• <i>Timely weeding should be done.</i>
<i>Paddy</i>	Storage		• <i>Place sticky traps in the drying and storage areas for rats.</i> • <i>Storage rooms should be physically rodent and bird proof, if possible.</i> • <i>Inspect the stored seeds once a week for signs of insect infestation.</i>
<i>Green gram</i>	Flowering stage	-	<i>Clean cultivation should be maintained. Proper earthing up should be done</i>
<i>Maize</i>	Inflorescence stage		<i>Timely weeding and earthing up should be done so as to prevent the plants from lodging</i>
<i>Water harvesting</i>			<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

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

	<ul style="list-style-type: none"> 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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