




Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May '18 Dimapur District

Bulletin No:34/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 2nd May 2018</i>
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 30⁰C to 33⁰C and 15⁰C to 19⁰C, respectively. Relative humidity varied from 44% 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 30⁰C - 31⁰C and the min temp 20⁰C to 21⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 23% to 85%. 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 			
<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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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"> Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient 			
<i>Khasi Mandarin</i>		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees

			aphids, mites, trunk borer	<i>to collect adult trunk borer</i>
Cucurbits	Germination stage			<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
Okra	Vegetative stage	-		<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
Brinjal	Field preparation			<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	Sowing	-		<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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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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 28th April to 2nd May'18 Kiphire District

Bulletin No:34/2018

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 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 29⁰C - 30⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 27% to 85%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly easterly

- 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		Early sowing of <i>maize</i> in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting
- As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient

Khasi

Leaf miner,

Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the

	Mandarin		aphids, mites, trunk borer	<i>trees to collect adult trunk borer</i>
	Cucurbits	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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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
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May'18 Kohima District

Bulletin No:34/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22^oC to 25^oC and 12^oC to 15^oC, respectively.
- Relative humidity varied from 34% to 90%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 2nd May 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26^oC - 27^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 39% to 92%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly easterly


- 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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting
- As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient

	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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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 28th April to 2nd May'18 Longleng District

Bulletin No:34/2018

Weather summary of the preceding week

- 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

Weather forecast valid upto 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 29⁰C - 30⁰C and the **min temp** 15⁰C to 16⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 27% to 80%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southeasterly


- 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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting

	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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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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Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May '18 Mokokchung District

Bulletin No:34/2018

Weather summary of the preceding week			Weather forecast valid upto 2 nd May 2018
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 24°C to 28°C and 14°C to 18°C, respectively. Relative humidity varied from 29% to 80%. 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 29°C - 30°C and the min temp 14°C to 15°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 33% to 95%. Wind speed may reach upto 2 - 4 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> 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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
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"> Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting 			
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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing <i>Pseudomonas aeruginosa</i>, <i>Trichoderma harzianum</i> and <i>Bacillus brevis</i> for 1 hr.</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 28th April to 2nd May '18 Mon District

Bulletin No:34/2018

Weather summary of the preceding week			Weather forecast valid upto 2 nd May 2018
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 27⁰C and 14⁰C to 17⁰C, 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 28⁰C - 29⁰C and the min temp 14⁰C to 15⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 35% to 82%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly southeasterly
Timely weeding and earthing up should be carried out			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy			<ul style="list-style-type: none"> Maize and pulses should be grown as strip crop in hill slopes Use certified seeds and if there is a history of occurrence of diseases in that particular field then use a resistant variety.
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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
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"> Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers 			

	before planting			
	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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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				
		<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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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 28th April to 2nd May'18 Peren District

Bulletin No:34/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 14⁰C to 17⁰C, respectively.
- Relative humidity varied from 30% to 87%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 28⁰C - 29⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 41% to 94%.
- **Wind speed** may reach upto 3-4 kmph
- **Wind direction** will be mostly southeasterly


- 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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting
- As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture

	content in the soil is sufficient			
	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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing <i>Pseudomonas aeruginosa</i>, <i>Trichoderma harzianum</i> and <i>Bacillus brevis</i> for 1 hr.</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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Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May'18 Phek District

Bulletin No:34/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22⁰C to 26⁰C and 13⁰C to 16⁰C, respectively.
- Relative humidity varied from 28% to 85%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 29⁰C - 30⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 40% to 88%.
- **Wind speed** may reach upto 2-4 kmph
Wind direction will be southeasterly


- 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		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting
- As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content

	in the soil is sufficient		
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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
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Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May '18 Tuensang District

Bulletin No:34/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 2nd May 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 22⁰C to 23⁰C and 10⁰C 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 26⁰C - 27⁰C and the min temp 13⁰C to 14⁰C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 33% to 95%. Wind speed may reach upto 3-4 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too 			
<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		Early sowing of <i>maize</i> in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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"> Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting 			
<i>Khasi Mandarin</i>		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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</i>
	<p style="text-align: center;"><i>Livestock</i></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;"><i>Fisheries</i></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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Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May'18 Wokha District

Bulletin No:34/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 13⁰C to 16⁰C, respectively.
- Relative humidity varied from 32% to 85%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 28⁰C - 29⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 30% to 91%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be southeasterly

- 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		Early sowing of <i>maize</i> in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting
- As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture

	content in the soil is sufficient		
	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	Germination stage	<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	- <i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation	<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	Sowing	- <i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.</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

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Integrated Agromet Advisory Service Bulletin from 28th April to 2nd May '18 Zunheboto District

Bulletin No:34/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22⁰C to 25⁰C and 12⁰C to 14⁰C, respectively.
- Relative humidity varied from 31% to 84%.
- Wind speed ranged from 4 to 5 kmph

Weather forecast valid upto 2nd May 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 28⁰C - 29⁰C and the **min temp** 14⁰C to 15⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 35% to 95%.
- **Wind speed** may reach upto 4-5 kmph
- **Wind direction** will be southeasterly


- 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>	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.
<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

- Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20 kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting

	<ul style="list-style-type: none">As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient			
	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	Germination stage		<i>For cucurbits, after germination if there is attack of red pumpkin beetle, control the insect with the dusting of mixture of kerosene oil + ash in adequate proportion.</i>
	Okra	Vegetative stage	-	<i>Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults. Gap filling should be done</i>
	Brinjal	Field preparation		<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	Sowing	-	<i>Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing <i>Pseudomonas aeruginosa</i>, <i>Trichoderma harzianum</i> and <i>Bacillus brevis</i> for 1 hr.</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 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		
Fisheries				
		<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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