



# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Dimapur District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
Light rain occurred the past week	■ Probability of no rain the coming week.
	■ Max temp is likely to be $32^{\circ}$ C - $33^{\circ}$ C and the min temp $18^{\circ}$ C to $19^{\circ}$ C
30°C and 14°C to 17°C, respectively.	■ Sky is likely to be partly cloudy the coming week
■ Relative humidity varied from 44% to 96%.	■ <b>Relative Humidity</b> is likely to range from 20% to 85%.
■ Wind speed ranged from 1 to 2 kmph	■ 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/	Agro-meteorological Advisories
		Diseases	
Paddy	Storage		Place sticky traps in the drying and storage areas for rats.
			• Storage rooms should be physically rodent and bird proof, if possible.
			• Inspect the stored seeds once a week for signs of insect infestation.
Green gram	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			Summer rain is erratic. Dig more number of jalkund or pond to store water right
harvesting			now. Harvested rainwater can give you off season vegetable and a good price
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- 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,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees

		aphids, mites, trunk borer	to collect adult trunk borer	
Cucurbits	Germination stage		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.	
Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit bore adults.  Gap filling should be done	
Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies	
Ginger / turmeric	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozi containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillu brevis for 1 hr.	
• Ensure	periodic vaccination of	animals agair	Livestock nst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax	
<ul> <li>Over crowding should be avoided</li> <li>Deworming should be done periodically in the birds</li> <li>Give vitamins and minerals along with feed</li> <li>Proper ventilation should be done to protect the birds from extreme heat</li> </ul>				
<ul> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul>				
	C1-41	1 6 -1: •	Fisheries	
	Complete the wo	ork of digging	g or re- digging of pond by next one or two weeks before the monsoon arrive	

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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
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6	6		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 25<sup>th</sup> to 29<sup>th</sup> April'18 Kiphire District

#### **Bulletin No:33/2018**

	d.
Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28 <sup>o</sup> C - 29 <sup>o</sup> C and the min temp 16 <sup>o</sup> C to 17 <sup>o</sup> C
25°C to 26°C and 15°C to 16°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 23% to 85%.	■ Relative Humidity is likely to range from 18% to 85%.
■ Wind speed ranged from 3 to 4 kmph	■ 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/	Agro-meteorological Advisories
		Diseases	
Paddy	Storage		Place sticky traps in the drying and storage areas for rats.
			• Storage rooms should be physically rodent and bird proof, if possible.
			• Inspect the stored seeds once a week for signs of insect infestation.
Green gram	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			Summer rain is erratic. Dig more number of jalkund or pond to store water right
harvesting			now. Harvested rainwater can give you off season vegetable and a good price

- 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 mine	r, aphids, mites.	Shake the

	Mandarin		aphids,	trees to collect adult trunk borer		
			mites, trunk			
			borer			
	Cucurbits	Germination		For cucurbits, after germination if there is attack of red pumpkin beetle, control		
		stage		the insect with the dusting of mixture of kerosene oil + ash in adequate		
				proportion.		
	Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit borer		
				adults.		
				Gap filling should be done		
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.		
				Maize should be planted on the border to control movement of white flies		
	Ginger /	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin		
	turmeric	C		containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus		
				brevis for 1 hr.		
				Livestock		
	<ul> <li>Ensure pe</li> </ul>	riodic vaccination of	animals agains	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
	Poultry	Over crowd	ing should be a	voided		
			_	e periodically in the birds		
		_		s along with feed		
				be done to protect the birds from extreme heat		
	Piggery	•		ture, give enough clean drinking water.		
			-	d and animals with antiseptic solution should be done		
		-	_	taken to control flies		
		_		even iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days		
		Fisheries The second se				
\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Complete the work	of digging or r	re- digging of pond by next one or two weeks before the monsoon arrive		
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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
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# **Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18**Kohima District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged 22	■ Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $15^{\circ}$ C to $16^{\circ}$ C
<sup>0</sup> C to 23 <sup>0</sup> C and 12 <sup>0</sup> C to 14 <sup>0</sup> C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 34% to 90%.	■ <b>Relative Humidity</b> is likely to range from 32% to 92%.
■ Wind speed ranged from 3 to 4 kmph	■ 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	2 Incurred	<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>			
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			

- 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 min	
Mandarin aphids, the trees to collect adult trunk borer	tier, apmas, miles. Shake
mites, trunk	
borer	
Cucurbits Germination For cucurbits, after germination if there is attack	k of red pumpkin beetle,
stage   control the insect with the dusting of mixture of	of kerosene oil + ash in
adequate proportion.	
Okra Vegetative stage - Grow maize on border as a barrier to prevent the	he entry of shoot & fruit
borer adults.	
Gap filling should be done  The group like propagate the field with application of a	uall dried EVM
BrinjalField preparationThoroughly prepare the field with application of vMaize should be planted on the border to control	
Ginger / Sowing - Before sowing, treat ginger rhizome in 5% (5 kg	
turmeric Biozin containing Pseudomonas aeruginosa, Tric	· ·
Bacillus brevis for 1 hr.	
Khasi Leaf miner, Spray neem oil @5ml/litre water against leaf min	ner, aphids, mites. Shake
Mandarin aphids, the trees to collect adult trunk borer	
mites, trunk	
borer	
<ul> <li>Livestock</li> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia,</li> </ul>	Anthrax
Poultry • Over crowding should be avoided	
Deworming should be done periodically in the birds	
Give vitamins and minerals along with feed	
<ul> <li>Proper ventilation should be done to protect the birds from extreme heat</li> </ul>	
<i>Piggery</i> ■ Due to increase in temperature, give enough clean drinking water.	
<ul> <li>Proper cleaning of the shed and animals with antiseptic solution should be don</li> </ul>	ne
Proper measures should be taken to control flies  The should be taken to control flies  The should be taken to control flies.	
• Young piglets should be given iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days	
Fisheries ————————————————————————————————————	
Complete the work of digging or re- digging of pond by next one or two weeks before	e the monsoon arrive
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Sl.no	SI.no Name Designation		Department	
1	1 Dr.D.J. Rajkhowa Principle Scientist		Agronomy	djrajkhowa@gmail.com
2	2 Dr. L.K. Baishya Senior Scientist		Agronomy	lkbicar@gmail.com
3	3 Ph. Romen Sharma Scientist		Agricultural Extension	romen.agext@gmail.com
4	4 Dr. Rajesha G Scientist 5 Dr. Mahak Singh Scientist Dr. Azeze Seyie Scientist		Plant Pathology	rajeshag337@gmail.com
5			Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
			Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
7	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 25<sup>th</sup> to 29<sup>th</sup> April'18 Longleng District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 25 <sup>o</sup> C	■ Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C
to 26 <sup>o</sup> C and 17 <sup>o</sup> C to 18 <sup>o</sup> C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 23% to 85%.	■ Relative Humidity is likely to range from 24% to 80%.
■ Wind speed ranged from 3 to 4 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>		
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				Leaf miner,	Spray neem oil @5ml	/litre water against leaf miner, aphids, mites. Shake
		Mandarin				aphids,	the trees to collect adi	
					mites, trunk			
					borer			
		Cucurbits		Germination st	age		For cucurbits, after g	permination if there is attack of red pumpkin beetle,
							control the insect wit	th the dusting of mixture of kerosene oil + ash in
							adequate proportion.	
SCIE	NITTEIC I	<i>Okra</i> EXPERT C		Vegetative sta	ige	-		er as a barrier to prevent the entry of shoot & fruit
SCIE.	NIIFICI	EXPERT C		VIIIIEE			borer adults.	
	I				i		Gap filling should be	
Sl.no	Name	Brinjal	Desi	gnatrod preparat	Фер	artment		te field with application of well dried FYM.
1	Dr.D.J. R	ajkhowa	Prin	ciple Scientist	Agr	onomy	Maize should be plant	edjanthe barder to control movement of white flies
2	Dr. L.K.	Baishyar/	Seni	ior Scientistno	Agr	onomy _	Refore sowing treat	ghiger rugmail com (5 kg in 100 litre of water)
3		rushaenia		entist			0	utimenascria gmails Trichoderma harzianum and
4	Dr. Rajes		+ +	entist				Frajeshag337@gmail.com
5	Dr. Maha						on & <b>Linestork</b> gy	mahaksinghivri@gmail.com
	Dr. Azeze	Sevie Ens			onni	anippalstagainst	RAD Bracellosis, Hae	morrahagic Septicaemia, Anthrax
6	21,112,02	Poultry				hingish pulatbe av		azezeseyie@yahoo.com
7	Jyotish B	arman	Scie	entist • Dewor	n <b>p</b> inj	enhou Reboulone	Maniaginally in the bird	
8	Aabon W						along with feed	aabon.iari@gmail.com
				Proper	vent	ilation should be	e done to protect the bire	ds from extreme heat
		Piggery		• Due to	incr	ease in temperat	ure, give enough clean o	drinking water.
				Proper	clea	ning of the shed	and animals with antise	eptic solution should be done
				Proper	mea	sures should be	taken to control flies	
				• Young	gpigle	ets should be giv	ven iron injection (Inferen	on) at 4 <sup>th</sup> and 14 <sup>th</sup> days
				Fisheries				
Complete the		work	of digging or re	e- digging of pond by ne	ext one or two weeks before the monsoon arrive			
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IC	AR							



# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Mokokchung District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28°C - 29°C and the min temp 18°C to 19°C
$24^{0}$ C to $25^{0}$ C and $14^{0}$ C to $16^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 29% to 80%.	• Relative Humidity is likely to range from 29% to 82%.
■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 3 - 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> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
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	Leaf min	er, Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin	aphids,	trees to collect adult trunk borer

		•				
		mites, trunk				
		borer				
Cucurbits	Germination stage		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.			
Okra	Vegetative stage		Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults.  Gap filling should be done			
Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.			
Bringar	Tiera preparation		Maize should be planted on the border to control movement of white flies			
Ginger /	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin			
turmeric	2 1 11 22 8		containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus			
			brevis for 1 hr.			
			Livestock			
• Ensur	re periodic vaccination	of animals agair	nst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax			
Poultry	Over crowdi	ng should be av	oided			
·		_	periodically in the birds			
		s and minerals				
			done to protect the birds from extreme heat			
Piggery	-		re, give enough clean drinking water.			
		-	and animals with antiseptic solution should be done			
	-	_	aken to control flies			
			en iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days			
Fisheries						
	Complete the work of digging or re- digging of pond by next one or two weeks before the monsoon arrive					
	1					



Sl.no	Name	Designation	Department	
1	<ul> <li>Dr.D.J. Rajkhowa Principle Scientist</li> <li>Dr. L.K. Baishya Senior Scientist</li> </ul>		Agronomy	djrajkhowa@gmail.com
2			Agronomy	lkbicar@gmail.com
3	3 Ph. Romen Sharma Scientist		Agricultural Extension	romen.agext@gmail.com
4	4 Dr. Rajesha G Scientist		Plant Pathology	rajeshag337@gmail.com
5 Dr. Mahak Singh Scientist		Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
Dr. Azeze Seyie Sci		Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Mon District

## **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C
$23^{\circ}$ C to $24^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 33% to 87%	■ Relative Humidity is likely to range from 29% to 82%.
■ Wind speed ranged from 3 to 5 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy			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		• 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	-	Clean cultivation should be maintained
	stage		
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			Summer rain is erratic. Dig more number of jalkund or pond to store water
harvesting			right now. Harvested rainwater can give you off season vegetable and a
			good price
			TT .1 1. 1

#### 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

Khasi MandarinLeaf miner, aphids, mites, trunk borerSpray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake to trees to collect adult trunk borerCucurbitsGermination stageFor cucurbits, after germination if there is attack of red pumpkin beet control the insect with the dusting of mixture of kerosene oil + ash adequate proportion.OkraVegetative stage-Grow maize on border as a barrier to prevent the entry of shoot & fr borer adults.Gap filling should be doneBrinjalField preparationThoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white fliesGinger /Sowing-Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of wate		before planting						
Again and a phids, mites, trunk borer   For cucurbits, after germination if there is attack of red pumpkin beet control the insect with the dusting of mixture of kerosene oil + ash adequate proportion.    Okra		before j	pianung					
stage control the insect with the dusting of mixture of kerosene oil + ash adequate proportion.  Okra Vegetative stage - Grow maize on border as a barrier to prevent the entry of shoot & fr borer adults.  Gap filling should be done  Brinjal Field preparation Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies  Ginger / Sowing - Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of wate Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum at Bacillus brevis for 1 hr.  Livestock  • Water stagnation should be avoided in livestock shed to avoid mosquito breeding  Poultry • Over crowding should be avoided  • Deworming should be done periodically in the birds  • Give vitamins and minerals along with feed  • Proper ventilation should be done to protect the birds from extreme heat  Piggery • Due to increase in temperature, give enough clean drinking water.  • Proper cleaning of the shed and animals with antiseptic solution should be done  • Proper measures should be taken to control flies  • Young piglets should be given iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days  Fisheries				aphids, mites,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer			
Brinjal   Field preparation   Thoroughly prepare the field with application of well dried FYM.   Maize should be planted on the border to control movement of white flies		Cucurbits			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.			
Maize should be planted on the border to control movement of white flies   Ginger   Sowing   - Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of wate Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum a Bacillus brevis for 1 hr.   Livestock   - Water stagnation should be avoided in livestock shed to avoid mosquito breeding   Poultry   - Over crowding should be avoided   - Deworming should be done periodically in the birds   - Give vitamins and minerals along with feed   - Proper ventilation should be done to protect the birds from extreme heat   Piggery   - Due to increase in temperature, give enough clean drinking water.   - Proper cleaning of the shed and animals with antiseptic solution should be done   - Proper measures should be taken to control flies   - Young piglets should be given iron injection (Inferon) at 4th and 14th days   Fisheries   - Fisher		Okra	Vegetative stage	-				
turmeric  Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum a Bacillus brevis for 1 hr.  Livestock  • Water stagnation should be avoided in livestock shed to avoid mosquito breeding  Poultry  • Over crowding should be avoided  • Deworming should be done periodically in the birds  • Give vitamins and minerals along with feed  • Proper ventilation should be done to protect the birds from extreme heat  Piggery  • Due to increase in temperature, give enough clean drinking water.  • Proper cleaning of the shed and animals with antiseptic solution should be done  • Proper measures should be taken to control flies  • Young piglets should be given iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days  Fisheries		Brinjal	Field preparation					
<ul> <li>Water stagnation should be avoided in livestock shed to avoid mosquito breeding</li> <li>Poultry</li> <li>Over crowding should be avoided</li> <li>Deworming should be done periodically in the birds</li> <li>Give vitamins and minerals along with feed</li> <li>Proper ventilation should be done to protect the birds from extreme heat</li> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul>			Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and			
<ul> <li>Over crowding should be avoided</li> <li>Deworming should be done periodically in the birds</li> <li>Give vitamins and minerals along with feed</li> <li>Proper ventilation should be done to protect the birds from extreme heat</li> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul> Fisheries					Livestock			
<ul> <li>Deworming should be done periodically in the birds</li> <li>Give vitamins and minerals along with feed</li> <li>Proper ventilation should be done to protect the birds from extreme heat</li> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul> Fisheries			stagnation should be	avoided in lives	stock shed to avoid mosquito breeding			
<ul> <li>Give vitamins and minerals along with feed</li> <li>Proper ventilation should be done to protect the birds from extreme heat</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul> Fisheries		Poultry						
<ul> <li>Proper ventilation should be done to protect the birds from extreme heat</li> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul> Fisheries				tamins and minerals along with feed				
<ul> <li>Piggery         <ul> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> <li>Fisheries</li> </ul> </li> </ul>								
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• Young piglets should be given iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days  Fisheries			-					
Fisheries								
_ 1,3133 3.72								
Complete the work of digging or re- digging of pond by next one or two weeks before the monsoon arrive								
भाक्ष्यान्य	1100 31-HI		Complete the w	ork of digging o	or re- digging of pond by next one or two weeks before the monsoon arrive			

Sl.no	Name	Designation	Department	
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Peren District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C
$23^{0}$ C to $25^{0}$ C and $14^{0}$ C to $17^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 30% to 87%.	■ Relative Humidity is likely to range from 31% to 94%.
■ Wind speed ranged from 3 to 4 kmph	■ 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> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
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

- 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

Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake th trees to collect adult trunk borer		
Cucurbits	Germination stage		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 adequat proportion.		
Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit bore adults.  Gap filling should be done		
Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies		
Ginger / turmeric	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozi containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillu brevis for 1 hr.		
• Ensure	periodic vaccination	on of animals ag	Livestock gainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
Poultry  Over crowding should be avoided  Deworming should be done periodically in the birds Give vitamins and minerals along with feed  Proper ventilation should be done to protect the birds from extreme heat					
<ul> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul>					
			Fisheries		



Sl.no	Name	Designation	Department	
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Phek District

#### **Bulletin No:33/2018**

Duitetiii 110:25/2010	
Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
	es ■ Max temp is likely to be 26°C - 27°C and the min temp 16°C to 17°C
ranged $22^{\circ}$ C to $23^{\circ}$ C and $13^{\circ}$ C to $14^{\circ}$ C	C, Sky is likely to be mainly cloudy the coming week
respectively.	■ Relative Humidity is likely to range from 24% to 88%.
■ Relative humidity varied from 28% to 85%	
■ Wind speed ranged from 3 to 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	cro	ps
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2 10 to 10 pt						
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
Paddy	Storage		Place sticky traps in the drying and storage areas for rats.			
			• Storage rooms should be physically rodent and bird proof, if possible.			
			• Inspect the stored seeds once a week for signs of insect infestation.			
Green gram	Vegetative	-	Clean cultivation should be maintained			
	stage					
Maize	vegetative		Early sowing of maize in March-April escapes the attack of most pests and crop			
	stage		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			Summer rain is erratic. Dig more number of jalkund or pond to store water right			
harvesting			now. Harvested rainwater can give you off season vegetable and a good price			

- 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	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer		
	Cucurbits	Germination stage		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.		
	Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults.  Gap filling should be done		
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies		
	Ginger / turmeric	Sowing	-	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.		
	• Ensur	e periodic vaccinat	ion of animals	Livestock against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
	Poultry	<ul><li>Deworming</li><li>Give vitar</li></ul>	nins and miner	e avoided one periodically in the birds rals along with feed done to protect the birds from extreme heat		
	Piggery					
		Fisheries				
ыфзыц ICAR		Complete the wo	rk of digging o	r re- digging of pond by next one or two weeks before the monsoon arrive		

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Tuensang District

#### **Bulletin No:33/2018**

# Weather summary of the preceding week Light rain occurred the past week Maximum and minimum temperatures ranged 22°C to 23°C and 10°C to 11°C, respectively. Relative humidity varied from 29% to 80%. Wind speed ranged from 3 to 4 kmph Weather forecast valid upto 29<sup>th</sup> April 2018 Probability of light rain the coming week. Max temp is likely to be 21°C - 23°C and the min temp 13°C to 15°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 42% to 89%. Wind speed may reach upto 3-4 kmph Wind direction will be southerly

• 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> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
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			Summer rain is erratic. Dig more number of jalkund or pond to store water
harvesting			right now. Harvested rainwater can give you off season vegetable and a good price

#### Horticultural crop

• 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	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin	aphids,	trees to collect adult trunk borer

		T						
			mites, trunk					
			borer					
	Cucurbits	Germination		For cucurbits, after germination if there is attack of red pumpkin beetle,				
		stage		control the insect with the dusting of mixture of kerosene oil + ash in				
				adequate proportion.				
	Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit				
				borer adults.				
				Gap filling should be done				
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.				
				Maize should be planted on the border to control movement of white flies				
	Ginger /	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water)				
	turmeric			Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and				
				Bacillus brevis for 1 hr.				
		Livestock						
	Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax							
	Poultry	T .	ing should be a					
				e periodically in the birds				
	<ul> <li>Give vitamins and minerals along with feed</li> </ul>							
	Piggery							
	38.7		-	d and animals with antiseptic solution should be done				
		_		e taken to control flies				
				even iron injection (Inferon) at 4 <sup>th</sup> and 14 <sup>th</sup> days				
		1 20008 1250	200 2110 010 0 0 81	Fisheries				
1111			0.11	110 12 12 12				
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Complete the work	of digging or r	re- digging of pond by next one or two weeks before the monsoon arrive				
भाकुअनुप								
ICAR								

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5	Dr. Mahak Singh	nak Singh Scientist Animal Reproduction & Gy		mahaksinghivri@gmail.com
Dr. Azeze Seyie Scientist		Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Wokha District

#### **Bulletin No:33/2018**

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C
24 <sup>o</sup> C to 25 <sup>o</sup> C and 13 <sup>o</sup> C to 15 <sup>o</sup> C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 32% to 85%.	• Relative Humidity is likely to range from 28% to 94%.
■ Wind speed ranged from 4 to 5 kmph	■ 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
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
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

- 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	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
	Cucurbits	Germination stage	boici	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.
	Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults.  Gap filling should be done
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies
	Ginger / turmeric	Sowing	-	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.
	• Ensure	periodic vaccination of	animals agains	Livestock st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
	Poultry	Over crowdin     Deworming sl     Give vitamins	g should be ave hould be done and minerals	
	<ul> <li>Piggery</li> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul>			
				Fisheries
Complete the work of digging or re- digging of pond by next one or two weeks before t			digging of pond by next one or two weeks before the monsoon arrive	

нфзілу ІСАК

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6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> April'18 Zunheboto District

#### **Bulletin No:33/2018**

Dairettii 110100/2010	
Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> April 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $15^{\circ}$ C to $16^{\circ}$ C
$22^{0}$ C to $13^{0}$ C and $12^{0}$ C to $14^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 31% to 84%.	■ Relative Humidity is likely to range from 28% to 94%.
<ul><li>Wind speed ranged from 4 to 5 kmph</li></ul>	■ 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
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	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.
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 to content in the soil is sufficient						
	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer			
	Cucurbits	Germination stage		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.			
	Okra	Vegetative stage	-	Grow maize on border as a barrier to prevent the entry of shoot & fruit borer adults.  Gap filling should be done			
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies			
	Ginger / turmeric	Sowing	-	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.			
	• Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax						
	Poultry	Over crowd     Deworming     Give vitaming	ling should be a should be don ins and mineral	Ŭ Î			
	Piggery	<ul> <li>Due to increase in temperature, give enough clean drinking water.</li> <li>Proper cleaning of the shed and animals with antiseptic solution should be done</li> <li>Proper measures should be taken to control flies</li> <li>Young piglets should be given iron injection (Inferon) at 4<sup>th</sup> and 14<sup>th</sup> days</li> </ul>					
	Fisheries						
нарзіні ІСАК		Complete the work	of digging or r	e- digging of pond by next one or two weeks before the monsoon arrive			

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