

Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Dimapur District

Bulletin No:24/2018

Weather summary of the preceding week	Weather forecast valid upto 28 th March 2018				
Light rain occurred the past week	 Probability of light rain the coming week. 				
• Maximum and minimum temperatures ranged 29 ^o C to	• Max temp is likely to be 31° C - 34° C and the min temp 17° C to 19° C				
32° C and 12° C to 17° C, respectively.	Sky is likely to be mainly cloudy the coming week				
Relative humidity varied from 35% to 98%.	• Relative Humidity is likely to range from 23% to 85%.				
Wind speed ranged from 1 to 3 kmph	• Wind speed may reach upto 3- 4 kmph				
	Wind direction will be easterly				
General Recommendations					
Resort to deep ploughing during summer season					
• Grow such crops surrounding/near the main crop ((inter cropping/border cropping) which attract farmer friendly insects which				

- can manage/kill harmful insects.Bio-pesticides should be given priority over chemical pesticides
- Monitor the field situation at least once a week for soil, water, plants, pests, natural enemies

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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	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.

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

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Citrus	Propagation	_	During the dry months of the year, keep an area of about 3 m around the base		
			trees weed free. This might protect trees even if a fire spreads over the orchard		
Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation along w		
			neem based pesticides to take care of soil borne pest and pathogens.		
Okra	Vegetative stage	-	Gap filling should be carried out		
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thin		
			<i>in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever a necessary.</i>		
Ginger /	Land preparation	-	Land preparation should be carried out so that sowing can be carried by Ap		
turmeric			before rain starts.		
			Before planting, proper exposure of the land to sunlight should be done to pre-		
			soft rot diseases.		
Livestock					
• Ensure pe	riodic vaccination of	animals agai	inst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
Poultry	Supply	of plenty of	clean and cool water must be ensured during summer months. Provide Elect		
	Energy (1-2 gm/liter)	in water during hot hours.		
	U	summer cons luction and sh	umption of feed by birds is reduced considerably leading to reduced body wei nell quality.		
	Increase	the frequenc	y of feeding.		
	 Shifting, 	transportatio	on, de-beaking and vaccination should be done during night or cool hours of the d		
Piggery • Feed when temperatures are lowest			res are lowest		
Piggery		Provide a good, level plane of nutrition before, during, and after breeding			
Piggery		a good, level	plane of nutrition before, during, and after breeding		
Piggery	Provide		Fisheries		
	Provide Rend	ovate the pone	<i>Fisheries</i> ds. Strengthen embankments		
Piggery	Provide Rence In dr	ovate the pone y pond, plou	<i>Fisheries</i> ds. Strengthen embankments gh the bottom soil and apply powdered lime @ 10kg/bigha		
Piggery	Provide Provide In dr In ca	ovate the pondy pond, ploug se of pond fi	<i>Fisheries</i> ds. Strengthen embankments gh the bottom soil and apply powdered lime @ 10kg/bigha lled with water, check the depth of shallow (less than 2 ft. water level) – harvest		
	Provide Provide Rend In dr In ca fish d	ovate the pone y pond, ploug se of pond fi or transfer to	<i>Fisheries</i> ds. Strengthen embankments gh the bottom soil and apply powdered lime @ 10kg/bigha lled with water, check the depth of shallow (less than 2 ft. water level) – harvest another pond having sufficient water depth (atleast 3ft.)		
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Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Kiphire District

Bulletin No:24/2018

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Weather sun	nmary of the preced	ing week	Weather forecast valid upto 28 th March 2018			
			Probability of no rain the coming week.			
	minimum tempera		• Max temp is likely to be 25° C - 26° C and the min temp 14° C to 15° C			
22° C to 23° C and	d 14° C to 15° C, resp	ectively.	Sky is likely to be mainly cloudy the coming week			
Relative humidit	y varied from 21% t	o 85%.	• Relative Humidity is likely to range from 28% to 80%.			
Wind speed range	ged from 3 to 4 kmpł	ı	• Wind speed may reach upto 3-4 kmph			
			Wind direction will be easterly			
General Recommendations						
• Resort to d	leep ploughing durin	ig summer seas	son			
• Grow such	crops surrounding/	near the main	crop (inter cropping/border cropping) which attract farmer friendly insects which			
can manag	e/kill harmful insect	S.				
Bio-pestic	ides should be given	priority over c	hemical pesticides			
			Field crops			
Main Crops Stage Pest/		Pest/	Agro-meteorological Advisories			
	0	Diseases				
Paddy	Storage		• Place sticky traps in the drying and storage areas for rats.			
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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.

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 temperature is rising, if possible irrigation should be carried out during the evening hours

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	Citrus	Propagation	_	During the dry months of the year, keep an area of about 3 m around the base of			
	Curus	ropagation	_	trees weed free. This might protect trees even if a fire spreads over the orchard.			
	Summer crops	Vegetative stage	_	Sowing of summer crops if done should be provided with irrigation along with			
	~~~~ <b>F</b> ~			neem based pesticides to take care of soil borne pest and pathogens.			
	Okra	Vegetative stage	-	Gap filling should be carried out			
	Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly			
				in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it			
				is necessary.			
	Ginger /	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April,			
	turmeric			before rain starts.			
				Before planting, proper exposure of the land to sunlight should be done to			
				prevent soft rot diseases.			
	Livestock						
	Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax						
	Poultry			an and cool water must be ensured during summer months. Provide Electral			
				ater during hot hours.			
		-	-	ion of feed by birds is reduced considerably leading to reduced body weight, egg			
		-	and shell qualit				
		• Increase the frequency of feeding.					
			• Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day				
	Piggery						
		Provide a ge	ood, level plane	e of nutrition before, during, and after breeding			
				Fisheries			
		Renovat	the ponds. St	trengthen embankments			
XIII		• In dry p	ond, plough the	e bottom soil and apply powdered lime @ 10kg/bigha			
				with water, check the depth of shallow (less than 2 ft. water level) – harvest the			
				her pond having sufficient water depth (atleast 3ft.)			
भाकुं अनुप ICAR				fish body. If observed, remove the fish and dewater the pond and allow to sundry.			
			-	ould be buried with lime.			

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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 24th to 28th March'18** Kohima District

# Bulletin No:24/2018

Weather summary of the preceding week       Weather forecast valid upto 28 th March 2018         • Moderate rain occurred the past week       • Probability of medium rain the coming week.         • Maximum and minimum temperatures ranged 22       • Max temp is likely to be 22 ^o C - 23 ^o C and the min temp 17 ^o C to 19 ^o C         • C to 24 ^d C and 10 ^o C to 11 ^o C, respectively.       • Max temp is likely to be mainly cloudy the coming week         • Relative humidity varied from 32% to 98%.       • Wind speed may reach upto 3-4 kmph         • Wind speed may reach upto 3-4 kmph       • Wind direction will be mostly southerly         General Recommendations       • Resort to deep ploughing during summer season         • Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.         • Bio-pesticides should be given priority over themical pesticides         Field crops         Main Crops       Stage         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         • 2 leaf stage       • Clean cultivation should be maintained         Maize       2 leaf stage       • Early sowing of maize in March				
<ul> <li>Maximum and minimum temperatures ranged 22</li> <li>^o Maximum and minimum temperatures ranged 22</li> <li>^o Maximum and minimum temperatures ranged 22</li> <li>^o Max temp is likely to be 22°C - 23°C and the min temp 17°C to 19°C</li> <li>^o Sky is likely to be mainly cloudy the coming week</li> <li>^o Relative humidity varied from 32% to 98%.</li> <li>^o Wind speed ranged from 2 to 3 kmph</li> <li>^o Wind speed may reach upto 3-4 kmph</li> <li>^o Wind direction will be mostly southerly</li> </ul> General Recommendations <ul> <li>^o Resort to deep ploughing during summer season</li> <li>^o Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.</li> <li>^o Bio-pesticides should be given priority over chemical pesticides</li> </ul> Main Crops <ul> <li>Stage</li> <li>Pest/</li> <li>Diseases</li> <li><i>Place sticky traps in the drying and storage areas for rats.</i></li> <li><i>Storage croms should be physically rodent and bird proof, if possible.</i></li> <li><i>Inspect the stored seeds once a week for signs of insect infestation.</i></li> <li><i>Clean cultivation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use</i></li></ul>	Weather s	ummary of the preced	ding week	
⁰ C to 24 ⁰ C and 10 ⁰ C to 11 ⁰ C, respectively.       • Sky is likely to be mainly cloudy the coming week         • Relative humidity varied from 32% to 98%.       • Sky is likely to be mainly cloudy the coming week         • Wind speed ranged from 2 to 3 kmph       • Relative Humidity is likely to range from 34% to 95%.         • Wind speed ranged from 2 to 3 kmph       • Wind speed may reach upto 3-4 kmph         • Wind speed may reach upto 3-4 kmph       • Wind direction will be mostly southerly         General Recommendations       • Resort to deep ploughing during summer season         • Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects.         • Bio-pesticides should be given priority over chemical pesticides         Field crops         Main Crops       Stage       Pest/       Agro-meteorological Advisories         Paddy       Storage       • Place sticky traps in the drying and storage areas for rats.       • Storage rooms should be physically rodent and bird proof, if possible.         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		<b>_</b>		
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	Paddy Green gram	Storage       Vegetative stage		<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> <li>Clean cultivation should be maintained</li> <li>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</li> </ul>
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	Paddy Green gram	Storage       Vegetative stage		<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> <li>Clean cultivation should be maintained</li> <li>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</li> </ul>

### 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

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation alon with neem based pesticides to take care of soil borne pest and pathogens
Okra	Vegetative stage	-	Gap filling should be carried out
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sow thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or gras whenever it is necessary.
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carriedApril, before rain starts.Before planting, proper exposure of the land to sunlight should be doneprevent soft rot diseases.
Potato	Sowing stage	-	Select healthy and pure seed of high yielding varieties, free from per and diseases. The tubers showing any surface borne disease like sca wart, nematode infection or effect of rots should be sorted out. It advisable to use certified seed for good yields.
• Ensure p	eriodic vaccination o	f animals agai	Livestock
Poultry	<ul> <li>Energy (1-2 gm/liter) in water during hot hours.</li> <li>During summer consumption of feed by birds is reduced considerably leading to reduced body weight egg production and shell quality.</li> <li>Increase the frequency of feeding.</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the</li> </ul>		
Piggery	day         rgery       Feed when temperatures are lowest         Provide a good, level plane of nutrition before, during, and after breeding		
			Fisheries
<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> </ul>			



• Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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# Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Longleng District

#### Bulletin No:24/2018

Weather summary of the preceding week	Weather forecast valid upto 28 th March 2018
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>
• Maximum and minimum temperatures ranged 25 [°] C	• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C
to $27^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 26% to 95%.	Relative Humidity is likely to range from 28% to 82%.
• Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 3- 4 kmph
	Wind direction will be southeasterly

#### **General Recommendations**

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

#### 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 <b>maize</b> 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.

### 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

Citrus	Propagation	- During the dry months of the year, keep an area of about 3 m around base of trees weed free. This might protect trees even if a fire spreads of the orchard.		
Summer crops	Vegetative stage	- Sowing of summer crops if done should be provided with irrigation all with neem based pesticides to take care of soil borne pest and pathogen		
Okra	Vegetative stage	- Gap filling should be carried out		
Brinjal	Nursery	Prepare the nursery bed, the soil should be fine and seeds should be so thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or gro whenever it is necessary.		
Ginger / turmeric	Land preparation	- Land preparation should be carried out so that sowing can be carried April, before rain starts. Before planting, proper exposure of the land to sunlight should be done prevent soft rot diseases.		
• Ensure	periodic vaccination of animals	<i>Livestock</i> against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
<ul> <li>Poultry</li> <li>Supply of plenty of clean and cool water must be ensured during summer months. Provide Elec Energy (1-2 gm/liter) in water during hot hours.</li> <li>During summer consumption of feed by birds is reduced considerably leading to reduced body weig egg production and shell quality.</li> <li>Increase the frequency of feeding.</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of day</li> </ul>				
Piggery	· · ·	Feed when temperatures are lowest		
		Fisheries		
<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harves the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.</li> </ul>				

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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# **Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18** Mokokchung District

### Bulletin No:24/2018

Weather summary of the preceding week	Weather forecast valid upto 28 th March 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 $14^{\circ}$ C to $15^{\circ}$ C
$25^{\circ}$ C to $27^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
• Relative humidity varied from 30% to 93%.	• <b>Relative Humidity</b> is likely to range from 28% to 80%.
• Wind speed ranged from 3 to 5 kmph	• Wind speed may reach upto 3-5 kmph
	Wind direction will be southeasterly
General Recommendations	

#### Pasort to doop ploughing during su

- Resort to deep ploughing during summer season
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Bio-pesticides should be given priority over chemical pesticides

#### 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 <b>maize</b> 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.

#### 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 temperature is rising, if possible irrigation should be carried out during the evening hours

	Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.		
	Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.		
	Okra	Vegetative stage	-	Gap filling should be carried out		
	Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.		
	Ginger / Land preparation turmeric		-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.		
	• Ensur	re periodic vaccination	of animals agair	<i>Livestock</i> ast FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
	Poultry	<ul> <li>Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.</li> <li>During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality.</li> <li>Increase the frequency of feeding.</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>				
	Piggery	Feed when te				
				Fisheries		
/		<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.</li> </ul>				

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# Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Mon District

# Bulletin No:24/2018

Weather st	Weather summary of the preceding weekWeather forecast valid upto 28th March 2018					
Light rain occ	<ul> <li>Light rain occurred the past week</li> <li>Probability of light rain the coming week.</li> </ul>					
• Maximum an	• Maximum and minimum temperatures ranged • Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $13^{\circ}$ C to $14^{\circ}$ C					
$24^{\circ}$ C to $27^{\circ}$ C	and $12^{0}$ C to $13^{0}$ C,	respectively.	Sky is likely to be mainly cloudy the coming week			
	dity varied from 2		• <b>Relative Humidity</b> is likely to range from 32% to 82%.			
• Wind speed ra	inged from 3 to 6 l	kmph	• Wind speed may reach upto 4- 5 kmph			
			Wind direction will be mostly southeasterly			
General Recon	General Recommendations					
Resort te	Resort to deep ploughing during summer season					
	uch crops surround an manage/kill har	•	n crop (inter cropping/border cropping) which attract farmer friendly insects			
	U		chemical pesticides			
	Field crops					
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
Ihum Daddy			• Maize and pulses should be grown as strip even in hill slopes			

Iviaiii	Blage	I CSU	Agro-increationogical Auvisories		
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	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.		
Horticultural crop					
Dit for electric of finit energy and are forestry should be completed by $A$ will Europe the site complete to bill the minschiel					

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

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA 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 temperature is rising, if possible irrigation should be carried out during the evening hours

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Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.
Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.
Okra	Vegetative stage	-	Gap filling should be carried out
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.
• Ensu	re periodic vaccinatio	n of animals aga	<i>Livestock</i> ainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
<ul> <li>Supply of plenty of clean and cool water must be ensured during summer months. Provide E Energy (1-2 gm/liter) in water during hot hours.</li> <li>During summer consumption of feed by birds is reduced considerably leading to reduced body w egg production and shell quality.</li> <li>Increase the frequency of feeding.</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours day</li> </ul>			n water during hot hours. nption of feed by birds is reduced considerably leading to reduced body weight, Il quality. of feeding.
Piggery	<ul> <li>Feed when temperatures are lowest</li> <li>Provide a good, level plane of nutrition before, during, and after breeding</li> </ul>		
			Fisheries
<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harves the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow t sundry. Highly infected fish should be buried with lime.</li> </ul>			

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# Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Peren District

#### Bulletin No:24/2018

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	nary of the preced		Weather forecast valid upto 28 th March 2018	
<ul> <li>Moderate rain o</li> </ul>	ccurred the past we	ek	Probability of moderate rain the coming week.	
• Maximum and	minimum temperat	ures ranged	• Max temp is likely to be $23^{\circ}$ C - $24^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C	
$24^{\circ}$ C to $27^{\circ}$ C an	$d 12^{0}C$ to $13^{0}C$ , res	spectively.	Sky is likely to be mainly cloudy the coming week	
Relative humidi	ty varied from 28%	to 97%.	• <b>Relative Humidity</b> is likely to range from 25% to 88%.	
• Wind speed range	ged from 3 to 4 km	ph	• Wind speed may reach upto 2-4 kmph	
-		-	Wind direction will be mostly southeasterly	
<b>General Recomm</b>	nendations			
Resort to	deep ploughing du	ing summer s	season	
	11 0 0	0	ain crop (inter cropping/border cropping) which attract farmer friendly insects	
	manage/kill harmf	•		
	U		er chemical pesticides	
		<b>F)</b>	Field crops	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
Main Crops	Buge	Diseases	Agro-meteorological Auvisories	
D 1.1	Ctore or	Diseases	• Place sticky traps in the drying and storage areas for rats.	
Paddy	Storage			
			• Storage rooms should be physically rodent and bird proof, if possible.	
	<b>XZ</b> •		• Inspect the stored seeds once a week for signs of insect infestation.	
Green gram	Vegetative	-	Clean cultivation should be maintained	
	stage			
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.	
			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				

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA 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 temperature is rising, if possible irrigation should be carried out during the evening hours

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<u><u> </u></u>						
Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.			
Summer crops	-		Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.			
Okra	Vegetative stage	-	Gap filling should be carried out			
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.			
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.			
• Ensure pe	riodic vaccination of	of animals ag	<i>Livestock</i> ainst FMD Brucellosis, Haemorrahagic Septicaemia, Anthrax			
<ul> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax</li> <li>Poultry         <ul> <li>Supply of plenty of clean and cool water must be ensured during summer months. Provide Electron Energy (1-2 gm/liter) in water during hot hours.</li> <li>During summer consumption of feed by birds is reduced considerably leading to reduced body we egg production and shell quality.</li> </ul> </li> </ul>						
	<ul> <li>Increase the frequency of feeding.</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours day</li> </ul>					
Piggery		n temperature				
	Provide a	good, level p	blane of nutrition before, during, and after breeding Fisheries			
	Renov	ate the ponds	s. Strengthen embankments			
			n the bottom soil and apply powdered lime @ 10kg/bigha			
		<b></b>	led with water, check the depth of shallow (less than 2 ft. water level) – harves to another pond having sufficient water depth (atleast 3ft.)			
	Check	for red spot	to another point having sufficient water depth (alleast 511.) t in fish body. If observed, remove the fish and dewater the point and allow the test of fish should be buried with lime.			

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# Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Phek District

#### Bulletin No:24/2018

Weather summary of the preceding week	Weather forecast valid upto 28 th March 2018					
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>					
• Maximum and minimum temperatures	• Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $13^{\circ}$ C to $14^{\circ}$ C					
ranged $23^{\circ}$ C to $25^{\circ}$ C and $12^{\circ}$ C to $13^{\circ}$ C,						
respectively.	• <b>Relative Humidity</b> is likely to range from 27% to 89%.					
• Relative humidity varied from 26% to 95%.	• Wind speed may reach upto 3-4 kmph					
• Wind speed ranged from 3 to 4 kmph	Wind direction will be mostly southeasterly					
General Recommendations						
Resort to deep ploughing during summer season						
• Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.						
• Bio-pesticides should be given priority of	over chemical pesticides					
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 <b>maize</b> 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.
			Horticultural crop
Pit for plantati	on of fruit crops a	nd agro forestr	y should be completed by April. Expose the pit to sunlight to kill the microbial

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA 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 temperature is rising, if possible irrigation should be carried out during the evening hours

<u>a</u>								
Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.					
Summer	Vegetative	-	Sowing of summer crops if done should be provided with irrigation along with neem					
crops	stage		based pesticides to take care of soil borne pest and pathogens.					
Okra	Vegetative stage	-	Gap filling should be carried out					
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.					
Ginger /	Land	-	Land preparation should be carried out so that sowing can be carried by April,					
turmeric	preparation		before rain starts.					
			Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.					
			Livestock					
• Ensur	e periodic vaccinati	ion of animals	against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax					
Poultry		plenty of clea ) in water duri	an and cool water must be ensured during summer months. Provide Electral Energy (1- ing hot hours.					
	• During summer consumption of feed by birds is reduced considerably leading to reduced body weight, egg production and shell quality.							
		• Increase the frequency of feeding.						
	Shifting, t	ransportation,	de-beaking and vaccination should be done during night or cool hours of the day					
Piggery	Feed when	n temperatures	s are lowest					
	Provide a good, level plane of nutrition before, during, and after breeding							
	Fisheries							

HIEDSHEIL	<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infacted fish should be buried with lime.</li> </ul>
ICAR	Highly infected fish should be buried with lime.

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 24th to 28th March'18** Tuensang District

Bulletin No:24/2018

Bulletin No	:24/2018				
Weather st	ummary of the prece	ding week	Weather forecast valid upto 28 th March 2018		
		veek	Probability of light rain the coming week.		
• Maximum and minimum temperatures ranged			• Max temp is likely to be $20^{\circ}$ C - $21^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C		
$20^{\circ}$ C to $22^{\circ}$ C	C and 8 ⁰ C to 9 ⁰ C, resp	pectively.	Sky is likely to be mainly cloudy the coming week		
Relative hun	hidity varied from 25	% to 97%.	• <b>Relative Humidity</b> is likely to range from 32% to 78%.		
<ul> <li>Wind speed</li> </ul>	ranged from 3 to 4 k	mph	• Wind speed may reach upto 3-4 kmph		
			• Wind direction will be southerly		
<b>General Reco</b>	ommendations				
• Resort	to deep ploughing d	uring summer s	season		
	such crops surroundi can manage/kill harr		ain crop (inter cropping/border cropping) which attract farmer friendly insects		
	U U		er chemical pesticides		
Field crops					
Main	Stage	Pest/	Agro-meteorological Advisories		
CropsDiseases		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 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.		
			Horticultural cron		

### 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

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.	
Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.	
Okra	Vegetative stage	-	Gap filling should be carried out	
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.	
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.	
• Ensi	re periodic vaccination	of animals as	<i>Livestock</i> gainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax	
Poultry	<ul> <li>Supply of I Energy (1-2</li> <li>During sum egg product</li> <li>Increase the</li> </ul>	plenty of clea gm/liter) in w mer consumption and shell c frequency of	n and cool water must be ensured during summer months. Provide Electral vater during hot hours. tion of feed by birds is reduced considerably leading to reduced body weight, puality.	
Piggery	Feed when t	temperatures a		
			Fisheries	
	<ul> <li>In dry performed on the second seco</li></ul>	<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.</li> </ul>		

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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 24th to 28th March'18** Wokha District

#### Bulletin No:24/2018

Duneum 140.			
	summary of the preced		Weather forecast valid upto 28 th March 2018
		k	<ul> <li>Probability of light rain the coming week.</li> </ul>
• Maximum and minimum temperatures ranged			• Max temp is likely to be $23^{\circ}$ C - $24^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C
$24^{0}$ C to $27^{0}$ C	and $9^{\circ}$ C to $10^{\circ}$ C, respe	ectively.	Sky is likely to be mainly cloudy the coming week
Relative hum	idity varied from 26%	to 97%.	• <b>Relative Humidity</b> is likely to range from 25% to 85%.
• Wind speed ra	anged from 4 to 5 kmp	h	• Wind speed may reach upto 4- 5 kmph
_	-		Wind direction will be southeasterly
<b>General Reco</b>	mmendations		
Resort t	to deep ploughing duri	ng summer sea	son
• Grow s	uch crops surrounding	/near the main	crop (inter cropping/border cropping) which attract farmer friendly insects
	can manage/kill harmfu		
	sticides should be giver		chemical pesticides
		- p p	Field crops
Main	Stage	Pest/	Agro-meteorological Advisories
Crops	0	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	_	<i>Clean cultivation should be maintained</i>
Maize	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests
muile			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.
			resistanti varienes in consultation with your respective dgri department.

### 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

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI.MEDZIPHEMA

Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around t base of trees weed free. This might protect trees even if a fire sprea over the orchard.			
Summer crops	Vegetative stage	-	Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest an pathogens.			
Okra	Vegetative stage	-	Gap filling should be carried out			
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.			
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried of April, before rain starts. Before planting, proper exposure of the land to sunlight should be down to prevent soft rot diseases.			
• Ensur	e periodic vaccination of a	nimals agai	<i>Livestock</i> nst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax			
Poultry	<ul> <li>Supply of plent Energy (1-2 gm</li> <li>During summer egg production</li> <li>Increase the free</li> <li>Shifting, transp</li> </ul>	ty of clean /liter) in wa consumpti and shell qu quency of f	and cool water must be ensured during summer months. Provide Electrater during hot hours. on of feed by birds is reduced considerably leading to reduced body weigh uality.			
Piggery	<ul> <li>day</li> <li>Feed when temp</li> <li>Provide a good,</li> </ul>		e lowest of nutrition before, during, and after breeding			
Fisheries						
	<ul> <li>Renovate the ponds. Strengthen embankments</li> <li>In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha</li> <li>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the fish or transfer to another pond having sufficient water depth (atleast 3ft.)</li> <li>Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to sundry. Highly infected fish should be buried with lime.</li> </ul>					

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# Integrated Agromet Advisory Service Bulletin from 24th to 28th March'18 Zunheboto District

Bulletin No:24/2018

Weather summary of the preceding week	Weather forecast valid upto 28 th March 2018
• Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>
• Maximum and minimum temperatures ranged	
$22^{\circ}$ C to $27^{\circ}$ C and $11^{\circ}$ C to $12^{\circ}$ C, respectively.	Sky is likely to be mainly clear the coming week
• Relative humidity varied from 27% to 95%.	• <b>Relative Humidity</b> is likely to range from 32% to 78%.
<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

### **General Recommendations**

- Resort to deep ploughing during summer season •
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects • which can manage/kill harmful insects.

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 <b>maize</b> 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.	
			Hortoultural mon	

### 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

NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

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 temperature is rising, if possible irrigation should be carried out during the evening hours

Citrus	Propagation	-	During the dry months of the year, keep an area of about 3 m around the base of trees weed free. This might protect trees even if a fire spreads over the orchard.		
		Sowing of summer crops if done should be provided with irrigation along with neem based pesticides to take care of soil borne pest and pathogens.			
Okra	Vegetative stage	-	Gap filling should be carried out		
Brinjal	Nursery		Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.		
Ginger / turmeric	Land preparation	-	Land preparation should be carried out so that sowing can be carried by April, before rain starts. Before planting, proper exposure of the land to sunlight should be done to prevent soft rot diseases.		
	Livestock				
			gainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
• Supply of plenty of clean and cool water must be ensured during summer months. Provide Elect Energy (1-2 gm/liter) in water during hot hours.			•		
• During summer consumption of feed by birds is reduced considerably leading to reduced body weight egg production and shell quality.					
	egg product	fon and shen e			
		frequency of			
	• Increase the	e frequency of			
Piggery	<ul><li>Increase the</li><li>Shifting, tra</li></ul>	e frequency of	feeding. e-beaking and vaccination should be done during night or cool hours of the day		
Piggery	<ul><li>Increase the</li><li>Shifting, tra</li><li>Feed when</li></ul>	e frequency of insportation, de temperatures a	feeding. e-beaking and vaccination should be done during night or cool hours of the day		

	Renovate the ponds. Strengthen embankments
XILLE	• In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha
	• In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) – harvest the
	fish or transfer to another pond having sufficient water depth (atleast 3ft.)
	• Check for red spot in fish body. If observed, remove the fish and dewater the pond and allow to
भाकुअनुप ICAR	sundry. Highly infected fish should be buried with lime.

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