

Integrated Agromet Advisory Service Bulletin from 4th to 8th April 18 Dimapur District

Rulletin No•27/2018

Dunetin 110.2772010			
Weather summary of the preceding week	Weather forecast valid upto 8 th April 2018		
Light rain occurred the past week	 Probability of light rain the coming week. 		
• Maximum and minimum temperatures ranged 29°C to	• Max temp is likely to be 31° C - 32° C and the min temp 19° C to 20° C		
34^{0} C and 14^{0} C to 17^{0} C, respectively.	• Sky is likely to be partly cloudy the coming week		
Relative humidity varied from 44% to 96%.	• Relative Humidity is likely to range from 25% to 82%.		
• Wind speed ranged from 1 to 2 kmph	• Wind speed may reach upto 2- 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 chem	ical pesticides		

- Monitor the field situation at least once a week for soil, water, plants, pests, natural enemies

Field crops

Main Crops	Stage	Pest/	Agro-meteorological Advisories
Ţ.	C	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 crop

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

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

Khasi Mandarin		Leaf miner,	Spray naam ail @5m1/litra water against laaf minar anhida mitaa. Shaka tha traa
Knasi Manaarin		aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
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		When there is no rain and the soil is dry, timely irrigation should be done.
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.
			Livestock
• Ensure per	riodic vaccination of	animals agair	nst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
Poultry	Over cro	owding should	be avoided
		0	done periodically in the birds
			nerals along with feed
Piggery	*		uld be done to protect the birds from extreme heat perature, give enough clean drinking water.
1 15501 9			shed and animals with antiseptic solution should be done
	-	0	ld be taken to control flies
	Young p	viglets should l	be given iron injection (Inferon) at 4 th and 14 th days
Fisheries			
	• Reno	ovate the pond	s. Strengthen embankments
		• • • • •	h the bottom soil and apply powdered lime @ 10kg/bigha
	• In ca	-	led with water, check the depth of shallow (less than 2 ft. water level) - harvest t
	fish or transfer to another pond having sufficient water depth (atleast 3ft.)		
			another pond having sufficient water depth (atleast 3ft.) of in fish body. If observed, remove the fish and dewater the pond and allow

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 &	
6			Aromatic Plants	azezeseyie@yahoo.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Kiphire District

Bulletin No:27/2018

Weather summary of the preceding week		ing week	Weather forecast valid upto 8 th 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° C - 27° C and the min temp 14° C to 15° C
	17° C to 18° C, resp		• Sky is likely to be mainly cloudy the coming week
 Relative humidi 	ty varied from 23% t	to 85%.	• Relative Humidity is likely to range from 29% to 95%.
	ged from 3 to 4 kmpl		• Wind speed may reach upto 2-4 kmph
1			Wind direction will be easterly
General Recomm	nendations		
• Resort to	deep ploughing durin	ng summer seas	Son
		-	crop (inter cropping/border cropping) which attract farmer friendly insects which
	ge/kill harmful insect		
	cides should be given		chemical pesticides
			Field crops
			T tem crops
Main Crops Stage Pest/		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
U			
Maize	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests and crop
112000,0	2 Iour stuge		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 rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in

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

Mandarin Summer crops Okra Brinjal	Vegetative stage Vegetative stage Nursery	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 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 Gap filling should be carried out When there is no rain and the soil is dry, timely irrigation should be done.
Okra Brinjal	Vegetative stage		neem based pesticides to take care of soil borne pest and pathogens Gap filling should be carried out
Okra Brinjal	Vegetative stage	borer - -	neem based pesticides to take care of soil borne pest and pathogens Gap filling should be carried out
Okra Brinjal	Vegetative stage	-	neem based pesticides to take care of soil borne pest and pathogens Gap filling should be carried out
Brinjal	<u> </u>	-	Gap filling should be carried out
Brinjal	<u> </u>	-	
	Nursery		When there is no rain and the soil is dry timely irrigation should be done
<u> </u>			
Ginger /	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin
turmeric			containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.
Livestock			
• Ensure pe	riodic vaccination of	animals agains	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
Poultry	Over crowd	ing should be a	avoided
	U U U U U U U U U U U U U U U U U U U		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
			e taken to control flies
	Young pigle	ets should be gi	iven iron injection (Inferon) at 4 th and 14 th days
Fisheries			
 Renovate the ponds. Strengthen embankments In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha 		•	
			with water, check the depth of shallow (less than 2 ft. water level) - harvest th
			her pond having sufficient water depth (atleast 3ft.)
		-	ish 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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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
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 4th to 8th April'18 Kohima District

Bulletin No:27/2018

Weather summary of the preceding week	Weather forecast valid upto 8 th April 2018			
Light rain occurred the past week	Probability of moderate rain the coming week.			
• Maximum and minimum temperatures ranged 24	• Max temp is likely to be 22 ^o C - 24 ^o C and the min temp 12 ^o C to 13 ^o C			
0 C to 25 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 34% to 90%.	Relative Humidity is likely to range from 25% to 90%.			
Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 2-4 kmph			
	Wind direction will be mostly southeasterly			
General Recommendations				
 Desert to deep aloughing during summer sesses 				

- 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 CropsStagePest/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				
		Howtign lange			

Horticultural crop

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

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

<i>Khasi</i> Leaf miner,		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shak
Mandarin		aphids, mites, trunk borer	the trees to collect adult trunk borer
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		When there is no rain and the soil is dry, timely irrigation should be done
Ginger / turmeric	<u> </u>		Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum an Bacillus brevis for 1 hr.
Potato	Sowing stage	-	Select healthy and pure seed of high yielding varieties, free from pest and diseases. The tubers showing any surface borne disease like scal wart, nematode infection or effect of rots should be sorted out. It is advisable to use certified seed for good yields.
	Livestock		
• Ensure pe Poultry		¥	nst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
rouury		ding should be a	be periodically in the birds
		0	· ·
	 Give vitamins and minerals along with feed Proper ventilation should be done to protect the birds from extreme heat 		
Piggery	· · · · · · · · · · · · · · · · · · ·		ature, 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 th and 14 th days		
Fisheries			
	Renovate the ponds. Strengthen embankments		
	• 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 deviater the pond and allow to		
 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. 			

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Longleng District

Bulletin No:27/2018

Weather summary of the preceding week	Weather forecast valid upto 8 th April 2018
Light rain occurred the past week	 Probability of light rain the coming week.
• Maximum and minimum temperatures ranged 27 [°] C	
to 28° C and 17° C to 18° C, respectively.	Sky is likely to be partly cloudy the coming week
• Relative humidity varied from 23% to 85%.	• Relative Humidity is likely to range from 21% to 86%.
• Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 2- 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			
MainStagePest/Agro-meteorological AdvisoriesCropsDiseases		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

•	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
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		When there is no rain and the soil is dry, timely irrigation should be done
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	<i>Livestock</i> t 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			
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
	 Renovate the ponds. Strengthen embankments 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 sundry. Highly infected fish should be buried with lime. 		

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Mokokchung District

Bulletin No:27/2018

Weather summary of the preceding week	Weather forecast valid upto 8 th 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° C - 27° C and the min temp 14° C to 15° C
27° C to 28° C and 15° C to 18° 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 21% to 86%.
• Wind speed ranged from 3 to 5 kmph	• Wind speed may reach upto 3-5 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.
- Bio-pesticides should be given priority over chemical pesticides

Field crops

			•
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 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 rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content

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	
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		When there is no rain and the soil is dry, timely irrigation should be done.	
Ginger / turmeric	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillu brevis for 1 hr.	
Ensure periodic vaccination of animals against 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 			
Piggery	 Proper ventilation should be done to protect the birds from extreme heat 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				
	 Renovate the ponds. Strengthen embankments 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 sundry. 			

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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

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Bulletin No:27/2018

Weather summary of the preceding week	Weather forecast valid upto 8 th 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°C - 26°C and the min temp 13°C to 14°C			
26° C to 27° C and 14° C to 17° 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 22% to 85%.			
Wind speed ranged from 3 to 5 kmph	Wind speed may reach upto 4- 6 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 over chemical pesticides				
	Field crops			

which ca	an manage/kill har	mful insects.	ain crop (inter cropping/border cropping) which attract farmer friendly inserver chemical pesticides
			Field crops
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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 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 stage	-	Clean cultivation should be maintained
Maize	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests a crop rotation should be carried out with other crops as it reduces the point infestation by interrupting the continuity of the food chain. Use resisted varieties in consultation with your respective agri department.

• Pit for plantation of fruit crops and agro forestry should be completed by April. Expose the pit to sunlight to kill the microbial infection as well as soil borne pests for 15-20 days. Then fill the pit with top 50cm soil with 1 kg lime, 15-20

kg well decomposed FYM. Put a bamboo peg to remind the place of the pit. Let the pit be exposed to 3-4 rain showers before planting

• As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient

Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the	
Mandarin		aphids, mites, trunk borer	trees to collect adult trunk borer	
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	Okra Vegetative stage -		Gap filling should be carried out	
Brinjal	Nursery		When there is no rain and the soil is dry, timely irrigation should be done.	
Ginger / turmeric	nger / 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.	
			Livestock	
• Ensur	e periodic vaccinatio	n of animals aga	inst 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 Piggery Due to increase in temperature, give enough clean drinking water. 			rals along with feed	
		-	hed and animals with antiseptic solution should be done	
	-		be taken to control flies	
	• Young piglets should be given iron injection (Inferon) at 4 th and 14 th days			
			Fisheries	
	Renovate the ponds. Strengthen embankments			
	• In dry pond, plough the bottom soil and apply powdered lime @ 10kg/bigha			
		-	d 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.)	
		-	in fish body. If observed, remove the fish and dewater the pond and allow to	
	sun	dry. Highly infec	ted fish should be buried with lime.	

нарзнач ІСАК

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Peren District

Bulletin No:27/2018

Bulletin No:27	/2018				
Weather summ	nary of the preced	ling week	Weather forecast valid upto 8 th April 2018		
Light rain occurred the past week			 Probability of light rain the coming week. 		
	ninimum tempera		• Max temp is likely to be 25° C - 26° C and the min temp 13° C to 14° C		
	d 14^{0} C to 17^{0} C, re	- ·	• Sky is likely to be mainly cloudy the coming week		
	ty varied from 30%		• Relative Humidity is likely to range from 37% to 90%.		
• Wind speed rang	ged from 3 to 4 km	ıph	• Wind speed may reach upto 3-4 kmph		
			Wind direction will be mostly southeasterly		
General Recomm	nendations				
• Resort to c	leep ploughing du	ring summer a	season		
			ain crop (inter cropping/border cropping) which attract farmer friendly insects		
which can	manage/kill harm	ful insects.			
Bio-pestic	ides should be giv	en priority ov	er chemical 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.		
	0		• 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		
0	stage				
	C				
Maize	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests and		
	Ŭ		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					

• 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

भाकुं अनुप ICAR • 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	
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		When there is no rain and the soil is dry, timely irrigation should be done.	
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 pe	riodic vaccinatio	on of animals ag	<i>Livestock</i> ainst 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 			
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	
	 Renovate the ponds. Strengthen embankments 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 sundry. Highly infected fish should be buried with lime. 			

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Phek District

Bulletin No:27/2018

stage

2 leaf stage

DU	Duileulii N0;27/2018					
W	Veather sun	nmary of the prec	ceding week	Weather forecast valid upto 8 th April 2018		
■ Li	ght rain occ	curred the past we	eek	 Probability of light rain the coming week. 		
• M	aximum	and minimum	temperatures	• Max temp is likely to be 24 ^o C - 25 ^o C and the min temp 13 ^o C to 14 ^o C		
rai	nged 25°C	to 26° C and 1	3^{0} C to 15^{0} C,	Sky is likely to be mainly cloudy the coming week		
res	spectively.			• Relative Humidity is likely to range from 21% to 88%.		
		idity varied from		• Wind speed may reach upto 2-3 kmph		
• W	ind speed r	anged from 3 to 4	kmph	Wind direction will be mostly southeasterly		
Ger		nmendations				
		to deep ploughing				
		-		nain crop (inter cropping/border cropping) which attract farmer friendly insects which		
		nage/kill harmful				
	• Bio-pes	ticides should be	given priority of	over chemical pesticides		
				Field crops		
]	Main	Stage	Pest/	Agro-meteorological Advisories		
(Crops		Diseases			
Pad	ldy	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.		
Gre	en gram	Vegetative	-	Clean cultivation should be maintained		

Horticultural crop

with your respective agri department.

• 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

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

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

Maize

planting

भाकुंअनुष ICAR • As rainfall is forecasted, sowing of vegetables should be done as germination percentage is good when the moisture content in the soil is sufficient

Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to			
Mandarin		aphids,	collect adult trunk borer			
		mites, trunk				
		borer				
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	-	Gap filling should be carried out			
	stage					
Brinjal	Nursery		When there is no rain and the soil is dry, timely irrigation should be done.			
Ginger /	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin			
turmeric			containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis			
			for 1 hr.			
			Livestock			
			against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax			
Poultry	• Over crowding should be avoided					
	 Deworming should be done periodically in the birds Cive viteming and minerals clong with food 					
	 Give vitamins and minerals along with feed Proper ventilation should be done to protect the birds from extreme best 					
Piggery	Proper ventilation should be done to protect the birds from extreme heat					
Itggery	 Due to increase in temperature, give enough clean drinking water. Proper cleaning of the shed and animals with antiseptic solution should be done 					
	 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 					
		<u> </u>	Fisheries			
	Renovate the ponds. Strengthen embankments					
	• 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					
			pond having sufficient water depth (atleast 3ft.)			
			n fish body. If observed, remove the fish and dewater the pond and allow to sundry.			
	Highl	y infected fish s	should be buried with lime.			

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Tuensang District

Bulletin No:27/2018

Bulletin No	:27/2018			
Weather su	ummary of the prece	ding week	Weather forecast valid upto 8 th April 2018	
Light rain oc	curred the past week	-	 Probability of light rain the coming week. 	
	nd minimum temper		• Max temp is likely to be 21° C - 22° C and the min temp 10° C to 11° C	
21° C to 23° C	C and 10^{0} C to 11^{0} C, r	espectively.	Sky is likely to be mainly cloudy the coming week	
Relative hun	nidity varied from 29	% to 80%.	• Relative Humidity is likely to range from 31% to 95%.	
 Wind speed 	ranged from 3 to 4 k	mph	• Wind speed may reach upto 2-3 kmph	
			• Wind direction will be southerly	
General Reco	ommendations			
Resort	to deep ploughing d	uring summer s	season	
• Grow	such crops surroundi	ng/near the ma	ain crop (inter cropping/border cropping) which attract farmer friendly insects	
which	can manage/kill harn	nful insects.		
• Bio-pe	sticides should be gi	ven priority ov	er chemical pesticides	
	-		Field crops	
			· · ·	
Main Stage Pest/		Pest/	Agro-meteorological Advisories	
Crops	0	Diseases		
orops				
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 <i>maize</i> in March-April escapes the attack of most pests and	
			crop rotation should be carried out with other crops as it reduces the pest	
			infestation by interrupting the continuity of the food chain. Use resistant	
			varieties in consultation with your respective agri department.	
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

•		fall is forecasted, so in the soil is sufficient		tables should be done as germination percentage is good when the moisture	
Khasi Mand			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	
Summ crops	ner	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	
Brinja	al	Nursery		When there is no rain and the soil is dry, timely irrigation should be done.	
0	Ginger / Sowing turmeric		-	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 r	periodic vaccination	of animals ag	<i>Livestock</i> ainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax	
Poult		Over crowdiDewormingGive vitaming	ing should be a should be don ns and mineral		
Piggel	ry	 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				
		 In dry po In case of fish or tr Check for 	ond, plough the of pond filled w cansfer to anoth or red spot in	rrengthen embankments 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.) fish body. If observed, remove the fish and dewater the pond and allow to d fish should be buried with lime.	

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Wokha District

Bulletin No:27/2018

Duneum No:	21/2010			
Weather s	ummary of the preced	ing week	Weather forecast valid upto 8 th April 2018	
			 Probability of light rain the coming week. 	
• Maximum an	nd minimum tempera	atures ranged	• Max temp is likely to be 25° C - 26° C and the min temp 13° C to 14° C	
26° C to 27° C	and 14°C to 17°C, resp	ectively.	Sky is likely to be mainly cloudy the coming week	
Relative hum	idity varied from 32%	to 85%.	• Relative Humidity is likely to range from 21% to 90%.	
• Wind speed ra	anged from 4 to 5 kmpl	h	• Wind speed may reach upto 2- 5 kmph	
			Wind direction will be southeasterly	
General Reco	nmendations			
Resort t	to deep ploughing durin	ng summer seas	son	
• Grow s	uch crops surrounding/	near the main	crop (inter cropping/border cropping) which attract farmer friendly insects	
	an manage/kill harmfu			
• Bio-pes	ticides should be given	priority over c	chemical pesticides	
Field crops				
Main	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>	
0				
Maize	2 leaf stage		Early sowing of maize in March-April escapes the attack of most pests	
Maize 2 leaf stage			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.	
			resision variences in consultation with your respective defit department.	
			Horticultural anon	
			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

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

भाकुं अनुप ICAR • 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		
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		When there is no rain and the soil is dry, timely irrigation should be done.		
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	<i>Livestock</i> st 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 				
Piggery					
			Fisheries		
 Renovate the ponds. Strengthen embankments 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 sundry. Highly infected fish should be buried with lime. 					

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Integrated Agromet Advisory Service Bulletin from 4th to 8th April'18 Zunheboto District

Bulletin No:27/2018

Weather summary of the preceding week	Weather forecast valid upto 8 th April 2018		
Light rain occurred the past week	 Probability of light rain the coming week. 		
• Maximum and minimum temperatures ranged			
24° C to 25° C and 12° C to 14° 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 31% to 95%.		
 Wind speed ranged from 4 to 5 kmph 	• 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.
- Bio-pesticides should be given priority over chemical pesticides

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

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA 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	
	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		When there is no rain and the soil is dry, timely irrigation should be done.	
	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.	
	 <i>Livestock</i> Ensure periodic vaccination of animals against 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 				
	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 th and 14 th days				
		Fisheries			
HIIII ICAR	 Renovate the ponds. Strengthen embankments 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 sundry. Highly infected fish should be buried with lime. 				

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