

Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Dimapur District

Bull	letin	No	n:37	7/20	17
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Weather summary of the preceding week	Weather forecast valid upto 21st May'17
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 26 ^o C to	■ Max temp is likely to be 27°C - 28°C and the min temp 17°C to 18°C
33°C and 18°C to 22°C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 30% to 94%.	■ Relative Humidity is likely to range from 34% to 89%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, dhaincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

			ny avanable dry grasses/ leaves/ straw should be done after planting
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain
Cucurbits	Vegetative stage		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
Naga king chilli	Vegetative stage		Proper earthing up should be done
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
			Livestock
Poultry	• Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed		
Piggery	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 		
			Fisheries



- Apply lime as per recommended dose depending on the pH
- After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Kiphire District

Bulletin No:37/2017

Weather summary of the preceding week	Weather forecast valid upto 21st May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29 ^o C - 30 ^o C and the min temp 23 ^o C to 24 ^o C
30° C to 33° C and 20° C to 23° C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 36% to 95%.	■ Relative Humidity is likely to range from 42% to 90%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1- 2 kmph
	Wind direction will be mostly southwesterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

decom	posed FYM and mul	ching with loc	ally available dry grasses/ leaves/ straw should be done after planting
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain
Cucurbits	Vegetative stage		• Spray <u>ethrel</u> (<u>plant growth regulator</u>) <u>@0.2</u> ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
Naga king chilli	Vegetative stage		Proper earthing up should be done
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
			Livestock
Poultry	• Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed		
Piggery	-		he farm should be from disease free herds. Newly purchased animals should be mals in the farm for a period of three to four weeks. No visitor allowed visiting the
			Fisheries



- Apply lime as per recommended dose depending on the pH
- > After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17Kohima District

Bulletin No:37/2017

Weather summary of the preceding week	Weather forecast valid upto 21st May'17
Light rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged 27	■ Max temp is likely to be 25 ^o C - 26 ^o C and the min temp 16 ^o C to 17 ^o C
⁰ C to 31 ⁰ C and 15 ⁰ C to 22 ⁰ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 31% to 92%.	■ Relative Humidity is likely to range from 38% to 94%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be easterly

Field crops

General Recommendations

- As there is probability of moderate rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non- leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

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	tomposed I I WI and III		cally available dry grasses/ leaves/ straw should be done after planting		
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush		
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.		
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain		
Cucurbits	Vegetative stage		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.		
Naga king chilli	Vegetative stage		Proper earthing up should be done		
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied		
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.		
			Livestock		
Poultry	• Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed				
Piggery	be isolated	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 			

	Fisheries
нфини ІСАК	 Apply lime as per recommended dose depending on the pH After 15 days of lime application, apply cow dung and wait till the pond water turns green. Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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



Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Longleng District

	Bulletin 190:37/2017
Weather summary of the preceding week	Weather forecast valid upto 21st May'17
Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 30°C	■ Max temp is likely to be 31°C - 32°C and the min temp 23°C to 24°C
to 33 ^o C and 22 ^o C to 23 ^o C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 35% to 92%.	■ Relative Humidity is likely to range from 40% to 90%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southeasterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases
		•	

decom	posed FYM and mulch	ing with locally	y available dry grasses/ leaves/ straw should be done after planting	
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush	
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.	
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain	
Cucurbits	Vegetative stage		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.	
Brinjal	to keep the field free from weeds and to facilitate soil aeration		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.	
Naga king chilli	li Vegetative stage Proper earthing up should be done			
Fruit trees	With the onset of monsoon showers, planting of fruit trees like man litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x be dugged and an application of recommended doses of FYM and no cake should be applied			
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.	
			Livestock	
Poultry • Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed				
Piggery	• Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm.			
			Fisheries	



- > Apply lime as per recommended dose depending on the pH
- After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Mokokchung District

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Weather summary of the preceding week	Weather forecast valid upto 21 st May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 32°C and the min temp 22°C to 23°C
31°C to 32°C and 21°C to 23°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 40% to 90%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be southerly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non- leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

	Horticultural crop						
Kee	Keeping weather in view, farmers are advised to start sowing of ginger, turmeric and large cardamom. Use well						
dec	decomposed FYM and mulching with locally available dry grasses/ leaves/ straw should be done after planting						
in		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 %				

dec	composed FYM and m	ulching with lo	ocally available dry grasses/ leaves/ straw should be done after planting		
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush		
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.		
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain		
Cucurbits	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2</u> ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.		
Naga king chilli	Vegetative stage		Proper earthing up should be done		
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied		
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.		
			Livestock		
Poultry	• Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed				
Piggery	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 				
	Fisheries				



- Apply lime as per recommended dose depending on the pH
- ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Mon District

Bulletin No:37/2017

Weather summary of the preceding week	Weather forecast valid upto 21st May'17
■ Light rain occurred the past week	■ Probability of light rain the coming week.
	■ Max temp is likely to be 29°C - 31°C and the min temp 23°C to 24°C
30°C to 33°C and 20°C to 22°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 36% to 92%	■ Relative Humidity is likely to range from 41% to 91%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southerly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

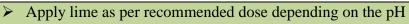
Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

Horticultural crop Keeping weather in view, farmers are advised to start sowing of ginger, turmeric and large cardamom. Use well decomposed FYM and mulching with locally available dry grasses/ leaves/ straw should be done after planting Leaf miner Observe the upward curling of leaf margin and presence of mined leaves (10)

Potato Ha	lowering stage arvesting stage egetative stage egetative stage	Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush As there will be rain the coming days, proper drainage should be maintained in the field. • Harvesting of potato should be postponed due to probability of rain • Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Potato Ha	arvesting stage		 field. Harvesting of potato should be postponed due to probability of rain Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of 		
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Cucurbits Ve			leaf stage and second spray at 4 true leaf stage to increase the number of		
	egetative stage				
keep the field free from weeds and to facilitate soil aeration		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.			
Naga king Vegetative stage Proper earthing up should be done chilli		Proper earthing up should be done			
jamun etc should be done. Desirable pit size of 3ft x 3ft ma and an application of recommended doses of FYM and neem cal		With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied			
9		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.		
			Livestock		
Poultry	 Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed 				
Piggery	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 				

Fisheries





- ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

Sl.no	Name	Designation	Department	
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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
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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Peren District

Bulletin No:37/2017

Weather summary of the preceding week	Weather forecast valid upto 21st May'17
■ Light rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 31°C and the min temp 20°C to 22°C
29 ^o C to 34 ^o C and 21 ^o C to 22 ^o C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 33% to 92%.	■ Relative Humidity is likely to range from 38% to 91%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 1-2 kmph
•	Wind direction will be mostly easterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

decom	decomposed FYM and mulching with locally available dry grasses/ leaves/ straw should be done after planting				
Mandarin	Leaf miner Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush				
Okra	Flowering stage	Flowering stage As there will be rain the coming days, proper drainage should be maintained in the field.			
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain		
Cucurbits	Vegetative stage		• Spray <u>ethrel</u> (<u>plant growth regulator</u>) <u>@0.2</u> ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Brinjal	Vegetative stage • Frequent shallow cultivation should be done at regular intervals so as a keep the field free from weeds and to facilitate soil aeration and proper root development.				
Naga king chilli	Vegetative Proper earthing up should be done stage				
Fruit trees	With the onset of monsoon showers, planting of fruit trees like mango, lite jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugg and an application of recommended doses of FYM and neem cake should applied				
Mango	**		In mango orchard, farmers are advised for monitoring the mango hopper.		
			Livestock		
Poultry	 Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed 				
Piggery	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 				

Fisheries	
Apply lime as per recommended dose depending on the pH	
➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.	
> Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.	

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



Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Phek District

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Weather summary of the preceding week	Weather forecast valid upto 21st May'17
 Light rain occurred the past week Maximum and minimum temperatures ranged 30°C to 32°C and 21°C to 23°C, respectively. Relative humidity varied from 34% to 95%. Wind speed ranged from 1 to 2 kmph 	 Probability of light rain the coming week. Max temp is likely to be 30°C - 33°C and the min temp 23°C to 24°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 41% to 93%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southerly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative		Proper monitoring should be done for any pest and diseases

	stage				
	8				
			Horticultural crop		
Keeping weather in view, farmers are advised to start sowing of ginger, turmeric and large cardamom. Use					
decomposed FYM and mulching with locally available dry grasses/ leaves/ straw should be done after planting					
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush		
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.		
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain		
Cucurbits	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2</u> ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.		
Naga king chilli	Vegetative stage		Proper earthing up should be done		
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied		
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.		
			Livestock		
• Provide clean drinking water. With the onset of rainy season, chickens may encounter Drinking water from the ground can lead to the infection of pathogens and parasites. Intesting are a common problem in chickens drinking from standing water. Worm infected chicken appear healthy but seem to always be hungry and eating but remain skinny for their breed					
•		the farm should be from disease free herds. Newly purchased animals should be mimals in the farm for a period of three to four weeks. No visitor allowed visiting the			
			Fisheries		



- Apply lime as per recommended dose depending on the pH
- ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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4	4 Dr. Rajesha G Scientist		Plant Pathology	rajeshag337@gmail.com
5	5 Dr. Mahak Singh Scientist		Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie Scientist Spices,		Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Tuensang District

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Weather summary of the preceding week	Weather forecast valid upto 21st May'17	
■ Light rain occurred the past week	■ Probability of light rain the coming week.	
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 28°C - 32°C and the min temp 22°C to 23°C	
30^{0} C to 32^{0} C and 20^{0} C to 23^{0} C, respectively.	■ Sky is likely to be mainly cloudy the coming week	
■ Relative humidity varied from 37% to 95%.	■ Relative Humidity is likely to range from 43% to 91%.	
 Wind speed ranged from 1 to 2 kmph 	■ Wind speed may reach upto 1 - 2 kmph	
	■ Wind direction will be mostly southwesterly	

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

	Horticultural crop						
Ke	Keeping weather in view, farmers are advised to start sowing of ginger, turmeric and large cardamom. Use well						
	decomposed FYM and mulching with locally available dry grasses/ leaves/ straw should be done after planting						
		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush				
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.				
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain				
Cucurbits	Vegetative stage		• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.				
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.				
Naga king chilli	Vegetative stage		Proper earthing up should be done				
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied				
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.				
			Livestock				
• Provide clean drinking water. With the onset of rainy season, chickens may encounter standard Drinking water from the ground can lead to the infection of pathogens and parasites. Interview worms are a common problem in chickens drinking from standing water. Worm infected changementally appear healthy but seem to always be hungry and eating but remain skinny for their			ater. With the onset of rainy season, chickens may encounter standing water. ground can lead to the infection of pathogens and parasites. Intestinal round blem in chickens drinking from standing water. Worm infected chickens will				
Piggery	 Animals purchased for the farm should be from disease free herds. Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks. No visitor allowed visiting the farm. 						
		Fisheries					



- Apply lime as per recommended dose depending on the pH
- > After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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5	5 Dr. Mahak Singh Scientist		Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie Scientist Sp.		Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Wokha District

Bulletin No:37/2017

Weather summary of the preceding week	Weather forecast valid upto 21st May'17
■ Light rain occurred the past week	Probability of light rain the coming week.
• Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 33°C and the min temp 22°C to 23°C
29^{0} C to 32^{0} C and 21^{0} C to 23^{0} C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 31% to 93%.	• Relative Humidity is likely to range from 37% to 89%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly
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Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

decomposed if I'm and mulcining with locally available dry grasses/ leaves/ straw should be done after planting				
Mandarin		Leaf miner	af miner Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush	
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.	
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain	
Cucurbits	Vegetative stage	• Spray ethrel (plant growth regulator) @0.2 ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.		
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.	
Naga king chilli	Vegetative stage		Proper earthing up should be done	
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mange litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft more be dugged and an application of recommended doses of FYM and need cake should be applied	
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.	
			Livestock	
Poultry	 Provide clean drinking water. With the onset of rainy season, chickens may encounter standing water. Drinking water from the ground can lead to the infection of pathogens and parasites. Intestinal round worms are a common problem in chickens drinking from standing water. Worm infected chickens will generally appear healthy but seem to always be hungry and eating but remain skinny for their breed 			
Piggery				
			Fisheries	



- Apply lime as per recommended dose depending on the pH
- ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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Integrated Agromet Advisory Service Bulletin from 17th to 21st May'17 Zunheboto District

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Weather summary of the preceding week	Weather forecast valid upto 21st May'17
Light rain occurred the past week	Probability of light rain the coming week.
• Maximum and minimum temperatures ranged	
30° C to 33° C and 21° C to 23° C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 34% to 95%.	Relative Humidity is likely to range from 34% to 95%.
 Wind speed ranged from 1 to 2 kmph 	■ Wind speed may reach upto 1-2 kmph
	Wind direction will be mostly southeasterly

Field crops

- As there is probability of light rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- For successful crop rotation, non-leguminous crop should be followed by leguminous crop or vice- versa.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.
- Sowing of green manure crop is advised in those field where harvesting of *rabi* crop is completed. Sowing of cluster bean, daincha, etc may be done for green manure. For proper germination and growth of the crop soil should have sufficient moisture

Crops		Diseases	
Jhum paddy	Vegetative stage	Leaf folder	To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.
TRC/WRC paddy			Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.
Summer maize	Vegetative stage		Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.
Green gram	Vegetative stage		Proper monitoring should be done for any pest and diseases

de	composed FYM and	mulching with	locally available dry grasses/ leaves/ straw should be done after planting
Mandarin		Leaf miner	Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush
Okra	Flowering stage		As there will be rain the coming days, proper drainage should be maintained in the field.
Potato	Harvesting stage		Harvesting of potato should be postponed due to probability of rain
Cucurbits	Vegetative stage		• Spray <u>ethrel (plant growth regulator) @0.2</u> ml in l lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits.
Brinjal	Vegetative stage		• Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
Naga king chilli	Vegetative stage		Proper earthing up should be done
Fruit trees			With the onset of monsoon showers, planting of fruit trees like mango, litchi, jamun etc should be done. Desirable pit size of 3ft x 3ft x 3ft may be dugged and an application of recommended doses of FYM and neem cake should be applied
Mango		Mango hopper	In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.
			Livestock
Poultry	Drinking w worms are	vater from the a common pro	rater. With the onset of rainy season, chickens may encounter standing water. ground can lead to the infection of pathogens and parasites. Intestinal round oblem in chickens drinking from standing water. Worm infected chickens will but seem to always be hungry and eating but remain skinny for their breed
Piggery	_		e farm should be from disease free herds. Newly purchased animals should be imals in the farm for a period of three to four weeks. No visitor allowed visiting
			Fisheries



- Apply lime as per recommended dose depending on the pH
- ➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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