

Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Dimapur District

Bul	letin	N	o:74	1/20	117
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Weather summary of the preceding week	Weather forecast valid upto 1st Oct'17
Light rain occurred the past week	Probability of light rain the coming week.
• Maximum and minimum temperatures ranged 28°C to	■ Max temp is likely to be 32°C - 34°C and the min temp 23°C to 24°C
34°C and 24°C to 26°C, respectively.	• Sky is likely to be cloudy the coming week
■ Relative humidity varied from 57% to 95%.	■ Relative Humidity is likely to range from 59% to 92%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 5 kmph
	Wind direction will be mostly southeasterly
- NIDVII for Noveley d	
■ NDVI for Nagaland	North East Region 14 Sept 2017
	are soil / wet background 0.2 - 0.3 Moderate
	0.3-0.4 0.4-0.5 Good
	0.5-0.7 Very Good
	Agriculture vigour is good over most of the parts Northern Assam
	Tripura and Meghalaya whereas moderate vigour is noticed in rest of the region.
	Moderate wet conditions

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Tillering stage		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to

			three times to get desirable result
Soybean	Vegetative stage		Proper drainage should be maintained and timely earthing up should be carried out
Groundnut	Vegetative stage		Timely weeding and earthing up should be done
			Horticultural crop
		Timely w	veeding and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Okra	Harvesting stage		Harvest in morning hours when hairs on fruits are soft.
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant Proper drainage should be maintained in the field
Naga king chilli	Fruiting to harvesting stage		Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
Ginger / turmeric	Vegetative stage		Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water
			Livestock
Vaccination of	animals should be do	one against ou	at-break of major diseases. Provide clean and cool drinking water to the animals

Poultry

- Provide adlibitum water, clean drinking water
- Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both.
- Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes

• Continue routine deworming of piglets at 5-6 months interval				
	 Continue injection of iron for piglets at 4th and 14th day 			
	• Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily			
	inspection early in the morning should be done for any abnormal behaviour. Observe their general stage			
	of health, check for parasites and injuries, and watch out for any abnormal feeding habits Examine the			
	animals for maggot infestation and ectoparasites and use suitable control measures			
	 Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner 			
	Fisheries			
	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.			
	Piggery			

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



Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Kiphire District

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Weather summary of the preceding week		Weather forecast val	id upto 1 st Oct'17
Light rain occurred the past week	Probabil	ity of light rain the coming weel	ζ.
■ Maximum and minimum temperatures ranged	Max ten	np is likely to be 31°C - 35°C an	d the min temp 23°C to 25°C
28°C to 29°C and 19°C to 20°C, respectively.	Sky is li	kely to be mainly cloudy the o	coming week
■ Relative humidity varied from 64% to 94%.	Relative	e Humidity is likely to range fro	m 57% to 94%.
■ Wind speed ranged from 1 to 2 kmph	Wind sp	peed may reach upto 1-2 kmph	
	Wind di	irection will be southeasterly	
■ NDVI for Nagaland		North East Region 14 Sept 2017	
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		Diseases	
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TRC/WRC paddy	Tillering stage		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Kohima District

Bulletin No:74/2017

Weather summary of the preceding week	Weather forecast valid upto 1st Oct'17
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 24	■ Max temp is likely to be 26°C - 27°C and the min temp 19°C to 20°C
^o C to 26 ^o C and 16 ^o C to 18 ^o C, respectively.	■ Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 62% to 95%.	■ Relative Humidity is likely to range from 52% to 95%.
Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be mostly southeasterly
■ NDVI for Nagaland	North East Region 14 Sept 2017
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Longleng District

	Bulletin No:74/2017
ather forecast valid	upto 1st Oct'17

## Light rain occurred the past week # Maximum and minimum temperatures ranged 26°C to 29°C and 17°C to 19°C, respectively. # Relative humidity varied from 65% to 92%. # Wind speed ranged from 1 to 2 kmph # NDVI for Nagaland **NDVI for Nagaland **Weather forecast valid upto 1st Oct*17 # Probability of light rain the coming week. # Max temp is likely to be 30°C - 31°C and the min temp 23°C to 24°C * Sky is likely to be cloudy the coming week # Relative Humidity is likely to range from 71% to 90%. # Wind speed may reach upto 1- 2 kmph Wind direction will be southeasterly **North East Region** **Agriculture signal speed in active of the parts Northern Assam (highly will writers moderate signal in active of the parts Northern Assam (highly will will read in the parts Northern Assam (highly will will read in the parts Northern Assam (highly will read in the parts Northern As		Dunctin 110.7-1/2017
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Mokokchung District

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■ Relative humidity varied from 61% to 92%.	■ Relative Humidity is likely to range from 67% to 91%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 2- 4 kmph
	Wind direction will be easterly
■ NDVI for Nagaland	North East Region 14 Sept 2017
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	Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Mon District

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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct 17 Peren District

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Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Tillering stage		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result
Soybean	Vegetative stage		Proper drainage should be maintained and timely earthing up should be carried out
Groundnut	Vegetative stage		Timely weeding and earthing up should be done

Sl.n				
0	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, Pla		Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Tuensang District

Bulletin No:74/2017

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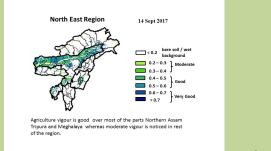
Light rain occurred the past week
Maximum and minimum temperatures range
24°C to 28°C and 15°C to 16°C, respectively.

Weather summary of the preceding week

- Relative humidity varied from 65% to 94%.
- Wind speed ranged from 1 to 2 kmph

■ NDVI for Nagaland

- Weather forecast valid upto 1st Oct'17
- Probability of light rain the coming week.
- Max temp is likely to be 30°C 31°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 58% to 94%.
- Wind speed may reach upto 1-2 kmph
- Wind direction will be southeasterly



Moderate wet conditions

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Tillering stage		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result
Soybean	Vegetative stage		Proper drainage should be maintained and timely earthing up should be carried out
Groundnut	Vegetative stage		Timely weeding and earthing up should be done



Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Wokha District

	Bulletin No:74/2017
Weather summary of the preceding week	Weather forecast valid upto 1st Oct'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 - 31°C and the min temp 23°C to 25°C
26°C to 27°C and 17°C to 18°C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 61% to 92%.	■ Relative Humidity is likely to range from 59% to 92%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be mostly southeasterly
■ NDVI for Nagaland	North East Region 14 Sept 2017
	Agriculture vigour is good over most of the parts Northern Assam Tripura and Meghalaya whereas moderate vigour is noticed in rest of the region.

Field crops

Moderate wet conditions

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy Tillering stage paddy In present weather condition paddy field is advised. To concern the field up to 2 cm and a rope such a way that it swayed to feed on the folded leafs fall in After that bunds are opened are collected and destroyed. times to get desirable result		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result	
			Proper drainage should be maintained and timely earthing up should be carried out
Groundnut	Vegetative stage		Timely weeding and earthing up should be done

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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Integrated Agromet Advisory Service Bulletin from 27th Sept to 1st Oct'17 Zunheboto District

Bulletin No:74/2017

Weather summary of the preceding week	Weather forecast valid upto 1st Oct'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 - 29°C and the min temp 23°C to 24°C				
26°C to 28°C and 17°C to 20°C, respectively.	Sky is likely to be cloudy the coming week				
Relative humidity varied from 63% to 95%.	■ Relative Humidity is likely to range from 62% to 93%.				
 Wind speed ranged from 1 to 2 kmph 	• Wind speed may reach upto 2- 4 kmph				
	Wind direction will be mostly easterly				
■ NDVI for Nagaland	North East Region 14 Sept 2017				
	-0.2 bare soil / wet background -0.2 -0.3 Moderate -0.3 -0.4 -0.5 Good -0.5 -0.6 Very Good Agriculture vigour is good over most of the parts Northern Assam				
	Tripura and Meghalaya whereas moderate vigour is noticed in rest of the region.				
	Moderate wet conditions				
Field crops					

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Milk development stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Tillering stage		In present weather condition, constant monitoring for leaf folder in paddy field is advised. To control the pest, mechanical methods, such as rope method is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result
Soybean	Vegetative stage		Proper drainage should be maintained and timely earthing up should be carried out
Groundnut	Vegetative stage		Timely weeding and earthing up should be done

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