

Integrated Agromet Advisory Service Bulletin from 30th Sept to 4th Oct'17 Dimapur District

Bulletin No:76/2017

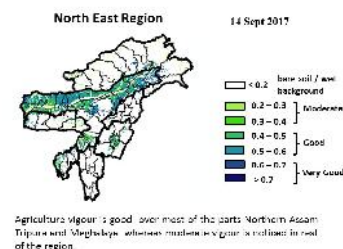
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28°C to 34°C and 24°C to 26°C, respectively.
- Relative humidity varied from 57% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 4th Oct'17

- Probability of moderate 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 64% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
Wind direction will be mostly southeasterly




Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Maturity stage	Gundhi bug	<i>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.</i>
<i>TRC/WRC paddy</i>	Dough development stage	Brown spot, blast	<i>Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection For rice blast management, destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection.</i>
<i>Soybean</i>	Harvesting stage		<i>If you're storing soybeans for next season, screen them prior to loading them into the bin</i>
<i>Groundnut</i>	Maturity stage		

Horticultural crop			
Timely weeding and earthing up should be done			
Citrus			<i>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.</i>
Vegetables			<i>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</i> <i>Suitable varieties for our region:</i> <ol style="list-style-type: none"> 1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP). 2. Broccoli – Pushpa, princess. 3. Tomato – Pusa ruby, Arka vikash, Punjab swari. 4. Knolkhol – White Vienna. 5. Radish – Japanese white, Pusa chetki. 6. Pea – Arkel
Cucurbits	Harvesting stage		<i>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</i>
Brinjal	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
		Wilt	<i>Remove and destroy the affected plant Proper drainage should be maintained in the field</i>
Naga king chilli	Fruiting to harvesting stage		<i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
Ginger / turmeric	Vegetative stage		<i>Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water</i>
Livestock			
Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
Poultry	<ul style="list-style-type: none"> • 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
	Piggery	<ul style="list-style-type: none"> 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	
		Do take care of your pond every day when you take food to your fish, make sure the pond remains full of water, do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Take the advice of experts and information from mass media

Scientific Expert committee

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
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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & 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

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Kiphire District

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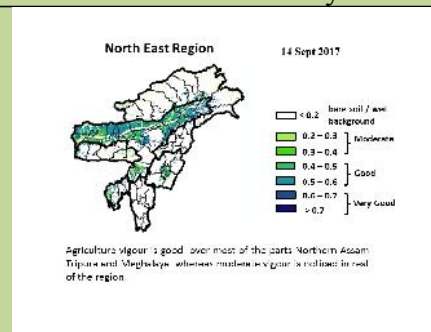
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- NDVI for Nagaland

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- Relative Humidity** is likely to range from 63% to 93%.
- Wind speed** may reach upto 1- 2 kmph
- Wind direction** will be easterly



Moderate wet conditions

Field crops

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<i>Groundnut</i>	Maturity stage		

Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>			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
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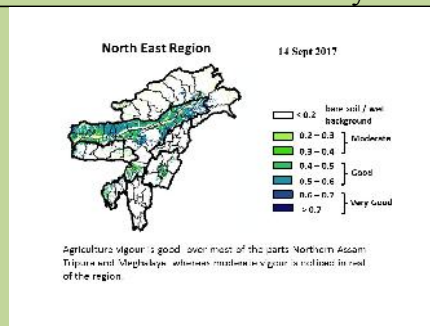
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24 °C to 26°C and 16°C to 18°C, respectively.
- Relative humidity varied from 62% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 4th Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 27°C - 28°C and the **min temp** 18°C to 19°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 95%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southeasterly



Moderate wet conditions

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Horticultural crop

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Longleng District

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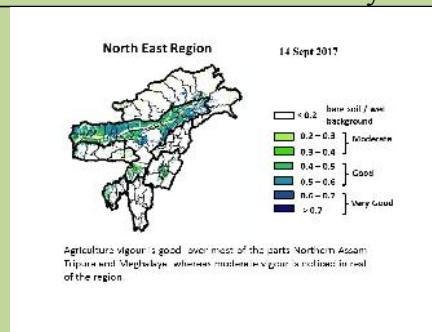
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- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26^oC to 29^oC and 17^oC to 19^oC, respectively.
- Relative humidity varied from 65% to 92%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30^oC - 31^oC and the **min temp** 21^oC to 24^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 71% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be easterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Maturity stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (<i>Artocarpus heterophyllas</i>) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
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<i>Soybean</i>	Harvesting stage		If you're storing soybeans for next season, screen them prior to loading them into the bin
<i>Groundnut</i>	Maturity stage		

Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>			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
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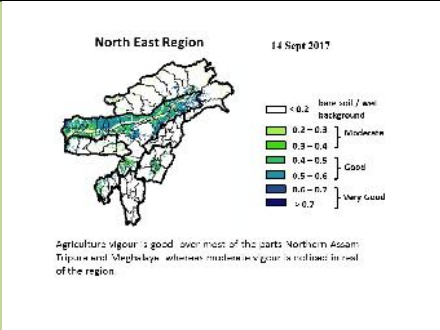
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Mokokchung District

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<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Moderate wet conditions</p>
Field crops			
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Soybean	Harvesting stage		If you're storing soybeans for next season, screen them prior to loading them into the bin
Groundnut	Maturity stage		
Horticultural crop			
Timely weeding 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.

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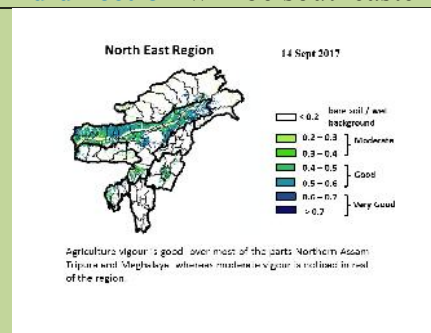
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- **Relative Humidity** is likely to range from 72% to 97%.
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Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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Groundnut	Maturity stage		

Horticultural crop

Timely weeding 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
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Peren District

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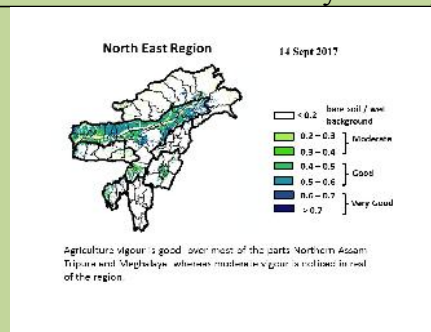
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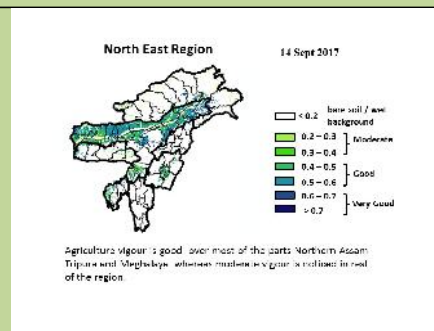
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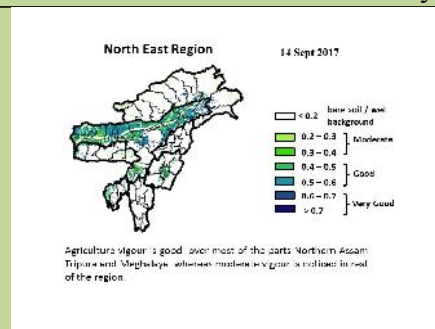
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Weather forecast valid upto 4th Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 28°C - 30°C and the **min temp** 20°C to 21°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southeasterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Maturity stage	Gundhi bug	<i>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.</i>
TRC/WRC paddy	Dough development stage	Brown spot, blast	<i>Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection For rice blast management, destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection.</i>
Soybean	Harvesting stage		<i>If you're storing soybeans for next season, screen them prior to loading them into the bin</i>
Groundnut	Maturity stage		

Horticultural crop

Timely weeding and earthing up should be done

Citrus			<i>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</i>
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Integrated Agromet Advisory Service Bulletin from 30th Sept to 4th Oct'17 Wokha District

Bulletin No:76/2017

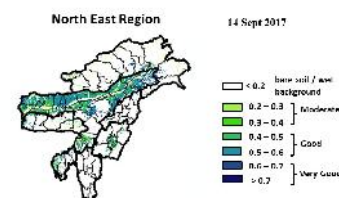
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26°C to 27°C and 17°C to 18°C, respectively.
- Relative humidity varied from 61% to 92%.
- Wind speed ranged from 2 to 4 kmph

- NDVI for Nagaland

Weather forecast valid upto 4th Oct'17

- Probability of medium rain the coming week.
- **Max temp** is likely to be 29°C - 30°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 96%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly easterly



Agriculture region's good, over most of the parts Northern Assam
Tipton and Meghalaya, whereas moderate green is noticed in rest
of the region.

Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Maturity stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (<i>Artocarpus heterophyllas</i>) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.
TRC/WRC paddy	Dough development stage	Brown spot, blast	Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection For rice blast management, destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection.
Soybean	Harvesting stage		If you're storing soybeans for next season, screen them prior to loading them into the bin
Groundnut	Maturity stage		

Horticultural crop

Timely weeding 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
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Scientific Expert committee

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
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & 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



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Integrated Agromet Advisory Service Bulletin from 30th Sept to 4th Oct'17 Zunheboto District

Bulletin No:76/2017

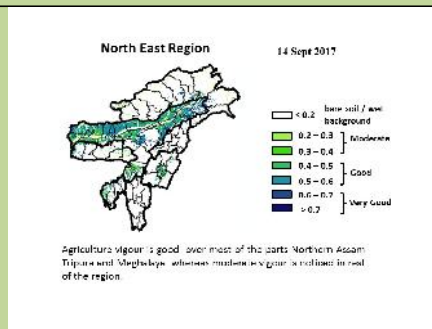
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26°C to 28°C and 17°C to 20°C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 28°C - 30°C and the **min temp** 20°C to 21°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 69% to 93%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southeasterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Maturity stage	Gundhi bug	<i>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.</i>
<i>TRC/WRC paddy</i>	Dough development stage	Brown spot, blast	<i>Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection</i> <i>For rice blast management, destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection.</i>
<i>Soybean</i>	Harvesting stage		<i>If you're storing soybeans for next season, screen them prior to loading them into the bin</i>
<i>Groundnut</i>	Maturity stage		

Horticultural crop

Timely weeding and earthing up should be done

<i>Citrus</i>			<i>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</i>
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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
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & 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

