

Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17 Dimapur District

Bulletin No:81/2017

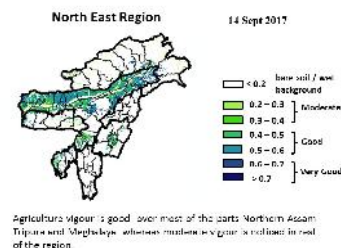
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29°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 22nd Oct'17

- Probability of light rain the coming week.
- Max temp** is likely to be 31°C - 32°C and the **min temp** 22°C to 23°C
- Sky is likely to be partly cloudy** the coming week
- Relative Humidity** is likely to range from 56% to 91%.
- Wind speed** may reach upto 2- 4 kmph
- Wind direction** will be mostly easterly




Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	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.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region

Rabi maize	Land preparation		<p><i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i></p> <p><i>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i></p>
Groundnut	Harvesting stage		
<p style="text-align: center;">Horticultural crop</p> <p>Spread well decomposed cowdung 5 to 6 tones per hectare for the main field and mix it well in the soil by cultivating the field. Keep the field clean by collecting the stubbles and unwanted materials.</p>			
Citrus			<p><i>During this month, Proper management should be done for leaf miner.</i></p> <p><i>Monitor pest regularly, manage ants and whitewash of the trunk should be done.</i></p>
Vegetables			<p><i>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</i></p> <p><i>Suitable varieties for our region:</i></p> <ol style="list-style-type: none"> <i>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</i> <i>2. Broccoli – Pushpa, princess.</i> <i>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</i> <i>4. Knolkhol – White Vienna.</i> <i>5. Radish – Japanese white, Pusa chetki.</i> <i>6. Pea – Arkel</i>
Brinjal	Maturity stage		<i>Timely weeding and earthing up should be done.</i>
		Wilt	<p><i>Remove and destroy the affected plant</i></p> <p><i>Proper drainage should be maintained in the field</i></p>
Naga king chilli	Harvesting stage		<p><i>Timely weeding and earthing up should be done</i></p> <p><i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
Fruit trees			<p><i>Maintain proper sanitation in and around the vicinity of the tree</i></p> <p><i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i></p>
Ginger / turmeric	Vegetative stage		<i>Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water</i>
<p style="text-align: center;">Livestock</p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			

	Poultry	<ul style="list-style-type: none"> • Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water • Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both. • Avoid over crowding
	Piggery	<ul style="list-style-type: none"> • Routine vaccination programme is recommended and once any disease is diagnosed treat immediately with antibiotics
	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
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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Kiphire District

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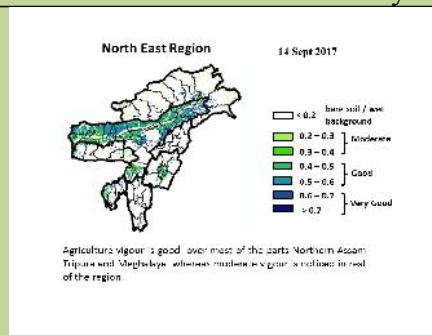
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28°C to 30°C and 20°C to 22°C, respectively.
- Relative humidity varied from 64% to 94%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 33°C and the **min temp** 22°C to 23°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 50% to 92%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southeasterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		<i>Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.</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>
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<i>Rabi maize</i>	Land preparation		<i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and</i>

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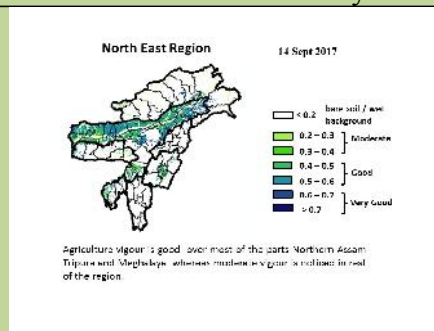
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25^oC to 27^oC and 16^oC to 18^oC, respectively.
- Relative humidity varied from 62% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 24^oC - 25^oC and the **min temp** 21^oC to 22^oC
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 56% to 93%.
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Moderate wet conditions

Field crops

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Longleng District

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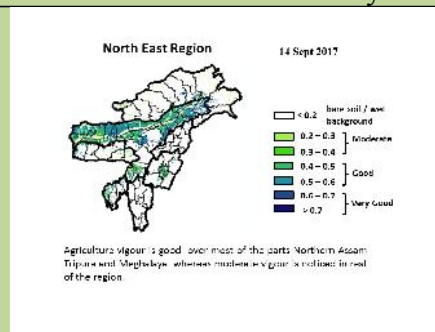
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 17°C to 20°C, respectively.
- Relative humidity varied from 65% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 22nd Oct'17

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- Max temp** is likely to be 32°C - 33°C and the **min temp** 22°C to 23°C
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Moderate wet conditions

Field crops

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Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling

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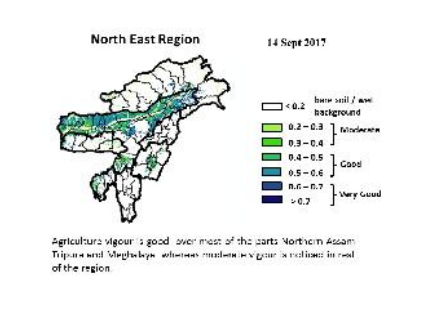
Mokokchung District

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ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

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Field crops			
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भा.कृ.अनुसंधान - पु.प.सं.
ICAR - RCNEH

Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17 Mon District

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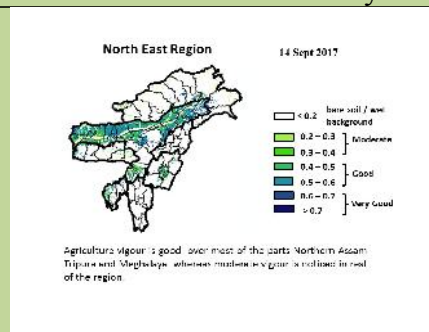
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27°C to 29°C and 20°C to 22°C, respectively.
- Relative humidity varied from 71% to 95%
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 33°C and the **min temp** 23°C to 24°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 58% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be easterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		<i>Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.</i>
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Toria	Land preparation	-	<i>Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region</i>
Rabi maize	Land preparation		<i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i>

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Peren District

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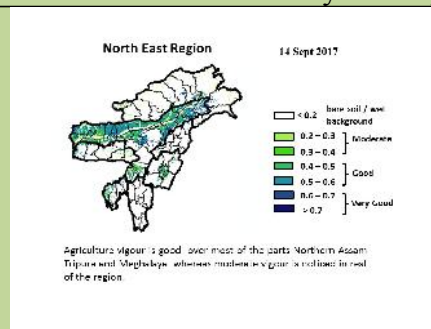
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28°C to 30°C and 19°C to 21°C, respectively.
- Relative humidity varied from 60% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 22nd Oct'17

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- NDVI for Nagaland



Moderate wet conditions

Field crops

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Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17 Phek District

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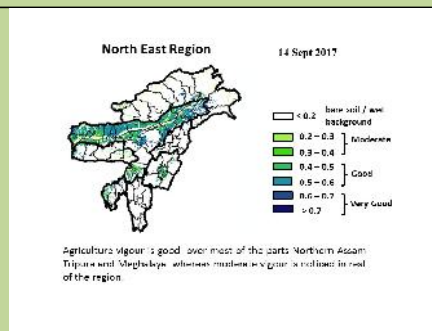
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Weather forecast valid upto 22nd Oct'17

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- NDVI for Nagaland



Moderate wet conditions

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Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17 Tuensang District

Bulletin No:81/2017

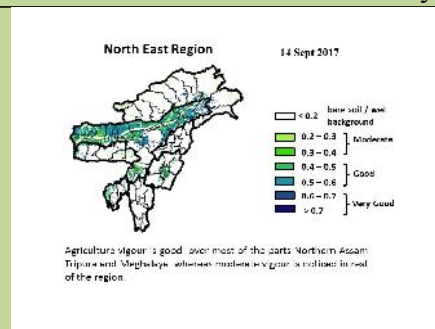
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27°C to 29°C and 20°C to 21°C, respectively.
- Relative humidity varied from 65% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 29°C - 30°C and the **min temp** 19°C to 20°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 50% to 91%.
- **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
<i>Jhum paddy</i>	Harvesting stage		<i>Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.</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>Toria</i>	Land preparation	-	<i>Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region</i>
<i>Rabi maize</i>	Land preparation		<i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must.</i>

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Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17 Wokha District

Bulletin No:81/2017

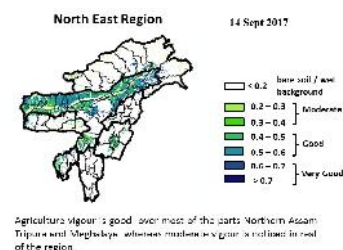
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27°C to 30°C and 21°C to 22°C, respectively.
- Relative humidity varied from 61% to 92%.
- Wind speed ranged from 2 to 4 kmph

- NDVI for Nagaland

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- Max temp** is likely to be 30°C - 31°C and the **min temp** 21°C to 22°C
- Sky is likely to be partly cloudy** the coming week
- Relative Humidity** is likely to range from 56% to 90%.
- Wind speed** may reach upto 2- 4 kmph
- Wind direction** will be mostly easterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
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.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and

Scientific Expert committee

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Integrated Agromet Advisory Service Bulletin from 18th to 22nd Oct'17

Zunheboto District

Bulletin No:81/2017

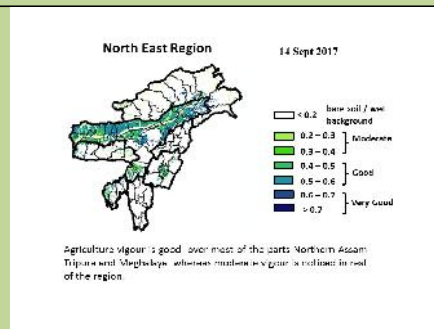
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 30°C and 20°C to 21°C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 22nd Oct'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 21°C to 22°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 55% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly easterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Avoid excessive drying of paddy to avoid breakage of the grains. Avoid the losses in threshing and winnowing by better mechanical methods. Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
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.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight.

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