ICAR RESEARCH COMPLEX FOR NEH REGION

Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17
Dimapur District

Bulletin No:87/2017

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 29^{0}C to 30^{0}C and 15^{0}C to 17^{0}C, respectively. ▪ Relative humidity varied from 40% to 88%. ▪ Wind speed ranged from 3 to 4 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 29^{0}C - 30^{0}C and the **min temp** 17^{0}C to 18^{0}C ▪ **Sky is likely to be mainlyclear** the coming week ▪ **Relative Humidity** is likely to range from 42% to 84%. ▪ **Wind speed** may reach upto 3- 4 kmph **Wind direction** will be mostly easterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		*Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.*
TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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. 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 RCM-76.*

Horticultural crop Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.			
Citrus		Leaf miner	*Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree.*
Vegetables			*Prepare nursery bed of 1 meter width and 20 meter length. Mix the seed with organic manure @ 40-50 kg per 10 square meters.* *Damping off is the most common disease. Soil treatment with captaf before sowing.* *For termites and cut worms. Application of Chlorpyriphos as soil treatment is recommended before sowing to control such insects.* *Make a raised bed of 15-20cm higher from the surface level.* *Mulching: Nursery mulching just after sowing with straw, dry grass is beneficial for moisture conservation and quick germination*
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	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	Maturity stage		*Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.*
Livestock Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
Poultry	✓ As the temperature is decreasing, the shed should be protected from cold wind by hanging curtain around the side of the wall or shed. ✓ If possible there should be separate space for different age group of birds. ✓ Sick bird should be immediately separated/ culled from healthy flock. ✓ Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected		

	Piggery	✓ Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. ✓ A separate house should be there to keep the animals suffering from contagious diseases.
	Fisheries	
		1. Clean the pond bottom and remove all debris 2. Apply lime @ 10-15 kg/bigha along with Potassium permanganate (Potash) @ 4-5 mg per litre of water OR Apply lime @ 10-15 kg/bigha and then apply Sukrena W.S solution @ 500 ml per bigha

Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Kiphire District

Bulletin No:87/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

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▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 23^0C to 25^0C and 11^0C to 13^0C, respectively. ▪ Relative humidity varied from 26% to 88%. ▪ Wind speed ranged from 3 to 4 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 30^0C - 31^0C and the **min temp** 18^0C to 19^0C ▪ **Sky is likely to be mainly clear** the coming week ▪ **Relative Humidity** is likely to range from 24% to 92%. ▪ **Wind speed** may reach upto 3- 4 kmph **Wind direction** will be easterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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*
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Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Kohima District

Bulletin No:87/2017

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 21 ^{0}C to 22^{0}C and 14^{0}C to 15^{0}C, respectively. ▪ Relative humidity varied from 37% to 95%. ▪ Wind speed ranged from 3 to 4 kmph	▪ Probability of light rain the coming week. ▪ **Max temp** is likely to be 23^{0}C - 24^{0}C and the **min temp** 13^{0}C to 14^{0}C ▪ **Sky is likely to be mainly clear** the coming week ▪ **Relative Humidity** is likely to range from 35% to 93%. ▪ **Wind speed** may reach upto 3- 4 kmph **Wind direction** will be mostly easterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		*Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.*
TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

Citrus		Leaf miner	*Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves*

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Longleng District

Bulletin No:87/2017

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 26^{0}C to 27^{0}C and 15^{0}C to 17^{0}C, respectively. ▪ Relative humidity varied from 60% to 95%. ▪ Wind speed ranged from 1 to 2 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 27^{0}C - 29^{0}C and the **min temp** 16^{0}C to 17^{0}C ▪ **Sky is likely to be clear** the coming week ▪ **Relative Humidity** is likely to range from 36% to 90%. ▪ **Wind speed** may reach upto 3- 4 kmph **Wind direction** will be southeasterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		*Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.*
TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

Citrus		Leaf miner	*Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree.*

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17
Mokokchung District

Bulletin No:87/2017

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

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 24^0C to 26^0C and 14^0C to 15^0C, respectively. ▪ Relative humidity varied from 42% to 90%. ▪ Wind speed ranged from 3 to 5 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 29^0C - 30^0C and the **min temp** 18^0C to 20^0C ▪ **Sky is likely to be clear** the coming week ▪ **Relative Humidity** is likely to range from 42% to 90%. ▪ **Wind speed** may reach upto 3- 5 kmph **Wind direction** will be southeasterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
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Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17
Mon District

Bulletin No:87/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

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▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 23^0C to 24^0C and 12^0C to 14^0C, respectively. ▪ Relative humidity varied from 36% to 95% ▪ Wind speed ranged from 5 to 6 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 29^0C - 30^0C and the **min temp** 17^0C to 19^0C ▪ **Sky is likely to be clear** the coming week ▪ **Relative Humidity** is likely to range from 35% to 92%. ▪ **Wind speed** may reach upto 5- 6 kmph **Wind direction** will be southeasterly
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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Peren District

Bulletin No:87/2017

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Phek District

Bulletin No:87/2017

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Horticultural crop

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Tuensang District

Bulletin No:87/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

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TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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. 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 RCM-76.*

Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

Citrus		Leaf miner	*Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of*

Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17
Wokha District

Bulletin No:87/2017

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 23^{0}C to 24^{0}C and 12^{0}C to 13^{0}C, respectively. ▪ Relative humidity varied from 43% to 92%. ▪ Wind speed ranged from 4 to 5 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 29^{0}C - 30^{0}C and the **min temp** 17^{0}C to 19^{0}C ▪ **Sky is likely to be mainly clear** the coming week ▪ **Relative Humidity** is likely to range from 37% to 90%. ▪ **Wind speed** may reach upto 4- 5 kmph **Wind direction** will be mostly southeasterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		*Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.*
TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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. 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 RCM-76.*

Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

Citrus		Leaf miner	*Leaf miner moths are attracted to new flush. Avoid pruning live branches*

ICAR RESEARCH COMPLEX FOR NEH REGION
of Agricultural Research)

Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Integrated Agromet Advisory Service Bulletin from 8th to 12th Nov'17

Zunheboto District

Bulletin No:87/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Agricultural Research)

Weather summary of the preceding week	*Weather forecast valid upto 12th Nov'17*
▪ No rain occurred the past week ▪ Maximum and minimum temperatures ranged 21^{0}C to 22^{0}C and 9^{0}C to 11^{0}C, respectively. ▪ Relative humidity varied from 37% to 95%. ▪ Wind speed ranged from 4 to 5 kmph	▪ Probability of no rain the coming week. ▪ **Max temp** is likely to be 26^{0}C - 28^{0}C and the **min temp** 16^{0}C to 17^{0}C ▪ **Sky is likely to be clear** the coming week ▪ **Relative Humidity** is likely to range from 33% to 95%. ▪ **Wind speed** may reach upto 4- 5 kmph **Wind direction** will be mostly southeasterly
▪ NDVI for Nagaland	

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		*Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.*
TRC/WRC paddy	Panicle initiation stage	Grasshopper	*It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.*
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Horticultural crop

Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.

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