

## ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Date: 10.05.19	District: Wokha	Bulletin No: 38/2019	
Weather of preceding we	ek	Weather forecast valid upto 15.05.2019	
Light rain occurred the past week		Probability of light rain	
■ Max and min temperatures ranged 27°C to 3	0°C and 20°C to 22°C	■ Max temp is likely to be 28°C-30°C and min temp 21°C to	
respectively.		$22^{0}$ C	
■ Relative humidity varied from 36% to 95%.		• Sky is likely to be partly cloudy the coming week	
• Wind speed ranged from 3 to 4kmph		• <b>Relative Humidity</b> is likely to range from 40% to 86%.	
		■ Wind speed may reach upto3-4kmph	
		■ Wind may blow from south easterly direction	
		Weekly cumulative Rainfall: 11mm	

	• Wind may blow from south easterly direction  Weekly cumulative Rainfall: 11mm			
WEATHER FORECAST BASED AGROMET ADVISORIES				
B.# *	G 41 G4	D 4/D*	XX 41 1 14 41 · ·	
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy	Germinating	Blast	To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection	
Maize	Vegetative	Dead hearts	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts	
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself.  About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth	
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.	
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather			
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts.  Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.			
Fishery	*	•	r to fill your pond as when it does not rain, there may not be full and the fish may die. Harvest the fish in pond having less	



#### ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Date: 10.05.19		District: Zunhel	boto Bulletin No: 38/2019
	Weather of preceding week		Weather forecast valid upto 15.05.2019
Light rain occurred the past week			■ Probability of light rain
	peratures ranged 29%	C to 31°C and 21°C to 22	2°C, ■ Max temp is likely to be 29°C- 35°C and min temp 20°C to
respectively.			21°C
	varied from 33% to	93%.	• Sky is likely to be partly cloudy the coming week
<ul><li>Wind speed range</li></ul>	ed from 4 to 5 kmph		■ <b>Relative Humidity</b> is likely to range from 35% to 93%.
			■ Wind speed may reach upto4-5kmph
			<ul><li>Wind may blow from south easterly direction</li></ul>
			Weekly cumulative Rainfall: 9 mm
	-		A GER A GROWING A RAYGORANG
	V	VEATHER FORECAST B	ASED AGROMET ADVISORIES
	T == = = = =		
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
Jhum paddy	Germinating	Blast	To manage blast, use high quality, disease free seeds for sowing,
			Destroy the infested residue, stubbles, grass and weeds present
			around the field. They act as a source for the infection
Maize	Vegetative		
waize	vegetative		The prevalent weather is favourable for the development of
			stem borer. Daily monitoring should be done. Removed the
			infested plant parts
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds
v			from the early growth itself.
			About 3-4 hoeing and weeding are normally needed for an
			· · · · · · · · · · · · · · · · · · ·
			effective control of weeds, proper aeration and good
			growth
Citrus			Conserve in situ soil moisture by light hoeing, weeding and
			subsequent mulching with dry weed/grasses in citrus tree
			basins. Rain water harvesting ponds should be dug at low
			land to collect the rain water.
Poultry	Double the wa		try houses during summer. Daily provide plenty of fresh,
1 outil y			
	clean and coor	drinking water during	; not weather
Piggery			st all infectious diseases before the monsoon starts.
	Avoid vaccina	ting animals during	extreme heat conditions. Plan to vaccinate in the early
	morning hours	when temperatures a	are low to moderate. Always read label instructions as this
	_	-	on the type of animal to vaccinate, the dose, and route of
	administration.	nemy of implimation	on the type of animal to vaccinate, the dose, and route of
	aummistration.		
Fishery	Do not depend	solely on rainwater t	to fill your pond as when it does not rain, there may not be
	-	•	ll and the fish may die.Harvest the fish in pond having less
	_	o keep your police ful	if and the fish may die. Harvest the fish in polic having less
	water depth.		



# ICAR RESEARCH COMPLEX FOR NEH REGION Nagaland Center, Medziphema-797106

Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	District: Dimapur	<b>Bulletin No: 38/2019</b>	
Weather of preceding week		Weather forecast valid upto 15.05.2019	
■ Light rain occurred the past week		<ul> <li>Probability of no rain</li> </ul>	
■ Max and min temperatures ranged 27°C to 30°C	and 19°C to 20°C,	■ Max temp is likely to be 30°C - 37°C and min temp19°C to	
respectively.		22 <sup>0</sup> C	
■ Relative humidity varied from 40% to 88%.	1	■ Sky is likely to be mainly cloudythe coming week	
■ Wind speed ranged from 4 to 6 kmph		■ <b>Relative Humidity</b> is likely to range from 27% to 78%.	
	1	■ Wind speed may reach upto4-6kmph	
	1	<ul> <li>Wind may blow from south easterly direction</li> </ul>	
		Weekly cumulative Rainfall: 0mm	

#### WEATHER FORECAST BASED AGROMET ADVISORIES

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
TRC/WRC	Seeds		Short to medium duration HYV rice varieties like CAU	
paddy			R1, CAU R3, RCM-9 and RCM-11 should be taken up for	
•			timely harvesting of paddy.	
			Gitesh, short duration variety can also be incorporated as it	
			can be transplanted with 40 – 60 days old seedlings.	
Green gram	Vegetative		Timely weeding and earthing up should be carried out	
	stage			
Naga king chilli	Transplanting		For soil application Azospirillium 2kg/ha should be mixed	
	stage		with 20kg of farmyard manure.	
			Disease free seedlings having 3-4 leaves are to be	
			transplanted.	
A			Spacing recommended is 75×90cm.	
Assam Lemon			Conserve in situ soil moisture by light hoeing, weeding	
			and subsequent mulching with dry weed/grasses in citrus	
			tree basins. Rain water harvesting ponds should be dug at	
			low land to collect the rain water	
Okra	Vegetative	Hoppers and	While germinating, install yellow sticky trap for	
	stage	white flies	monitoring white flies and hoppers	
			Timely earthing up should be done	
Cucurbitaceous	Vegetative		In cucurbitaceous crop which are 20-25 days old,	
vegetable	stage		application of 10-15 gram urea/hill is advised.	
Poultry			ltry houses during summer. Daily provide plenty of fresh,	
	clean and cool	cool drinking water during hot weather		
Piggery	Animals should	l be vaccinated again	nst all infectious diseases before the monsoon starts.	
- 700** )			g extreme heat conditions. Plan to vaccinate in the early	
			are low to moderate. Always read label instructions as this	
	will give you plenty of information on the type of animal to vaccinate, the dose, and route of			
	administration.			
Fishery	Do not depend	solely on rainwater	to fill your pond as when it does not rain, there may not be	
	enough water to	o keep your pond fu	all and the fish may die. Harvest the fish in pond having less	
	water depth.	1 0		



## ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	District: Kiphire		Bulletin No: 38/2019
Weather of preceding week		Weather f	forecast valid upto 15.05.2019
■ Lightrain occurred the past week		<ul> <li>Probability of light ra</li> </ul>	
■ Max and min temperatures ranged 28°C to 32°C and 20°C to 24°C,			to be $29^{\circ}\text{C}-31^{\circ}\text{C}$ and <b>min temp</b> $20^{\circ}\text{C}$ to
respectively.		$22^{0}$ C	
■ Relative humidity varied from 36% to 80%.		<ul><li>Sky is likely to be m</li></ul>	ainly clear the coming week
■ Wind speed ranged from 2 to 3kmph		■ Relative Humidity i	s likely to range from 28% to 72%.
		<ul><li>Wind speed may rea</li></ul>	ch upto2-3kmph
		■ Wind may blow from	m southerly direction
		Weekly cumulative Rai	infall: 10 mm

#### WEATHER FORECAST BASED AGROMET ADVISORIES

#### General Recommendations:

Main crop	<b>Growth Stage</b>	Pest/Disease	Weather based Agro-Advisories
Jhum paddy	Germination	Leaf folder	To prevent the development of both leaf folder and blast,
		Blast	remove grass weeds from in and around the paddy fields
Maize	Vegetative	Stem borer	The prevalent weather is favourable for the development of
			stem borer. Daily monitoring should be done. Removed the
			infested plant parts
Rajmash	Vegetative	Leaf miner	In the present weather, as rainfall has occurred timely
			earthing up should be done.
			Timely roughing of infected plants should be done,
			handpick and destroy the mined leaves, whenever necessary
Cucurbitaceous	Vegetative	Bacterial wilt	spray the crop with neem products  Eliminate weed hosts and volunteer plants, rouge-out
vegetable	vegetative	Bacteriai wiit	affected plants
Brinjal	Transplanting	Fruit and shoot	Disease free seedlings having 3-4 leaves are to be
Dringar	Transplanting	borer	transplanted. Spacing recommended are 60×45cm.
		00101	Monitoring should be started for fruit and shoot borer as
			the damage by this insect starts soon after transplanting of
			the seedlings and continues till harvest of fruits.
King chilli	Transplanting		For soil application Azospirillium 2kg/ha should be mixed
O			with 20kg of farmyard manure.
			Disease free seedlings having 3-4 leaves are to be
			transplanted.
			Spacing recommended is 75×90cm.
Poultry	0		owding of birds; water intake should be increased as even a
	· ·	v	d to heat stroke and mortality; shifting, transportation, de-
			done during night or cool hours of the day.
Piggery			inst all infectious diseases before the monsoon starts.
			g extreme heat conditions. Plan to vaccinate in the early
	~	*	s are low to moderate. Always read label instructions as this
	administration.	enty of information	n on the type of animal to vaccinate, the dose, and route of
Fishery		nkment to avoid e	rosion due to heavy rainfall
- 1311 <b>0</b> 1 j			. Carott water to the corty to the transfer of



water depth.

#### GRAMIN KRISHI MAUSAM SEWA

#### ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	District: Kohima		Bulletin No: 38/2019	
Weather of preceding week		Weather	Weather forecast valid upto 15.05.2019	
Light rain occurred the past week		<ul> <li>Probability of light rain</li> </ul>		
	Max and min temperatures ranged 28°C to 29°C and 15°C to		be $28^{0}$ C - $30^{0}$ C and <b>min temp</b> $18^{0}$ C to $20^{0}$ C	
16 <sup>o</sup> C, respectively.		■ Sky is likely to be mainly cloudy the coming week		
Relative humidity varied from 58% to 94%.		■ Relative Humidity is 1	ikely to range from 31% to 89%.	
■ Wind speed ranged from 3 to 5kmph		■ Wind speed may reach upto 3-5 kmph		
		■ Wind may blow from	southeasterly direction	
		Weekly cumulative Rain:	fall: 10 mm	

#### WEATHER FORECAST BASED AGROMET ADVISORIES Main crop **Growth Stage** Pest/Disease Weather based Agro-Advisories TRC/WRC Storage Place sticky traps in the drying and storage areas for rats paddy Maize Germinating Thinning should be done after 10 days of germination keeping one plant per hill. Apply neem cake @ 250kg/ha immediately after germination Cucurbitaceous Fruit fly Vegetative vegetable stage Khasi mandarin Prepare basin around the plants followed by mulching with local grasses. Daily monitoring should be done for pest and diseases. Vegetative Summer crops Double the watering space in poultry houses during summer. Daily provide plenty of fresh, **Poultry** clean and cool drinking water during hot weather Animals should be vaccinated against all infectious diseases before the monsoon starts. Piggery Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration. Fishery Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be

enough water to keep your pond full and the fish may die. Harvest the fish in pond having less



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Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	<b>District: Longleng</b>	Bulletin No: 38/2019	
Weather of preceding week		Weather forecast valid upto 15.05.2019	
■ Lightrain occurred the past week		Probability of light rain	
■ Max and min temperatures ranged 24 <sup>0</sup> C to	$28^{\circ}$ C and $20^{\circ}$ C to	• Max temp is likely to be 26°C-34°C and min temp 20°C to	
21°C, respectively.		21°C	
Relative humidity varied from 45% to 94%.		• Sky is likely to be mainly clear the coming week	
■ Wind speed ranged from 3 to 4kmph		■ <b>Relative Humidity</b> is likely to range from 42% to 80%.	
		■ Wind speed may reach upto 3-5 kmph	
		■ Wind may blow from south easterly direction	
		Weekly cumulative Rainfall: 6mm	

## WEATHER FORECAST BASED AGROMET ADVISORIES

Main crop	<b>Growth Stage</b>	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy	Germinating	Blast	To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present	
			around the field. They act as a source for the infection	
Maize	Vegetative	Dead hearts	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts	
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself.  About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth	
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.	
Poultry		ering space in poulting water during hot	ry houses during summer. Daily provide plenty of fresh, clean weather	
Piggery	Avoid vaccinat morning hours	hould be vaccinated against all infectious diseases before the monsoon starts. ccinating animals during extreme heat conditions. Plan to vaccinate in the early nours when temperatures are low to moderate. Always read label instructions as this you plenty of information on the type of animal to vaccinate, the dose, and route of ation.		
Fishery	-	*	to fill your pond as when it does not rain, there may not be all and the fish may die. Harvest the fish in pond having less	



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Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Date: 10.05.19		District: Mol		
Weather of preceding week  Light rain occurred the past week  Max and min temperatures ranged 28°C to 31°C and 21°C to 22°C respectively.  Relative humidity varied from 48% to 90%.  Wind speed ranged from 3 to 4 kmph		to 31°C and 21°C to	<ul> <li>Weather forecast valid upto 15.05.2019</li> <li>Probability of light rain</li> <li>Max temp is likely to be 29°C-34°C and min temp 21°C to 22°C</li> <li>Sky is likely to be partly cloudy the coming week</li> <li>Relative Humidity is likely to range from 41% to 82%.</li> <li>Wind speed may reach upto 3-4kmph</li> <li>Wind may blow from south easterly direction Weekly cumulative Rainfall: 15mm</li> </ul>	
	WEAT	HER FORECAST	BASED AGROMET ADVISORIES	
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy	Germinating	Blast	To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection	
Maize	Vegetative	Stem borer	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts	
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself.  About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth	
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.	
Poultry		Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.			
Fishery	-	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.		



#### ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Date: 10.05.19	District: Mon		Bulletin No: 38/2019
Weather of preceding week		Weather forecast valid upto 15.05.2019	
■ Light rain occurred the past week		<ul> <li>Probability of light rain</li> </ul>	
■ Max and min temperatures ranged 27°C to 2	29°C and 19°C to	Max temp is likely to be $26^{\circ}$ C - $33^{\circ}$ C and min temp $20^{\circ}$ C to $21^{\circ}$ C	
22 <sup>o</sup> C, respectively.		■ Sky is likely to be mainly cloudy the coming week	
■ Relative humidity varied from 40% to 89%.		■ Relative Humidity is 1	likely to range from 43% to 84%.
■ Wind speed ranged from 3 to 4 kmph		■ Wind speed may reach upto 3-4 kmph	
		■ Wind may blow from south easterly direction	
		Weekly cumulative Rain	fall: 27mm

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Vegetative stage	Leaf folder	Remove grass weeds from in and around the paddy fields.		
			Clean sanitation measures should be followed and crop		
			residues should be destroy in and around the field.		
TRC/WRC paddy	Seeds		Short to medium duration HYV rice varieties like <i>CAU R1</i> ,		
			CAU R3, RCM-9 and RCM-11 should be taken up for		
			timely harvesting of paddy.		
			Gitesh, short duration variety can also be incorporated as it		
			can be transplanted with $40 - 60$ days old seedlings.		
Maize	Vegetative stage	Dead hearts	Timely weeding and earthing up should be done for the		
			plant to grow well. Daily monitoring should be done for		
			dead hearts and timely removal and destruction of dead		
			hearts should be done.		
Colocasia	Planting stage		Spacing should be maintained at 60 x 45 cm. The planted		
			tubers need to be mulched with green or dry leaves.		
Cucurbitaceous	Vegetative stage		Start giving support to the plant		
vegetable					
Banana	Practice clean cultivation				
	Regular checking of fruit under the bunch cover is essential to ensure any damage				
	Timely remove old and dead leaves				
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh,				
	clean and cool drinking water during hot weather				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts.				
- 188019	Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early				
	morning hours when temperatures are low to moderate. Always read label instructions as this				
	will give you plenty of information on the type of animal to vaccinate, the dose, and route of				
	administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be				
	enough water to keep your pond full and the fish may die. Harvest the fish in pond having less				
	water depth.				
	water deptil.				



# ICAR RESEARCH COMPLEX FOR NEH REGION Nagaland Center, Medziphema-797106

Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	District: Peren		Bulletin No: 38/2019	
Weather of preceding week		Weather forecast valid upto 15.05.2019		
<ul> <li>Lightrain occurred the past week</li> </ul>		<ul> <li>Probability of light raise</li> </ul>		
■ Max and min temperatures ranged 31°C to 34°C and 20°C to		■ Max temp is likely to be $26^{\circ}$ C - $30^{\circ}$ C and min temp $19^{\circ}$ C to $20^{\circ}$ C		
23 <sup>o</sup> C, respectively.		• Sky is likely to be mainly cloudy the coming week		
■ Relative humidity varied from 47% to 95%.		■ <b>Relative Humidity</b> is likely to range from 36% to 95%.		
■ Wind speed ranged from 2 to 3 kmph		■ Wind speed may reach upto 2-3kmph		
		<ul><li>Wind may blow from</li></ul>	mostly south easterly direction	
		Weekly cumulative Rain	fall: 25 mm	

#### WEATHER FORECAST BASED AGROMET ADVISORIES

#### **General Advisories**

General Advisories				
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
TRC/WRC paddy	Seeds		Short to medium duration HYV rice varieties like <i>CAU R1</i> , <i>CAU R3</i> , <i>RCM-9</i> and <i>RCM-11</i> should be taken up for timely harvesting of paddy. <i>Gitesh</i> , short duration variety can also be incorporated as it can be transplanted with 40 – 60 days old seedlings.	
Green gram	Vegetative stage		Timely weeding and earthing up should be carried out	
Naga king chilli	Transplanting stage		For soil application <i>Azospirillium</i> 2kg/ha should be mixed with 20kg of farmyard manure.  Disease free seedlings having 3-4 leaves are to be transplanted.  Spacing recommended is 75×90cm.	
Assam Lemon			Conserve <i>in situ</i> soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water	
Okra	Vegetative stage	Hoppers and white flies	While germinating, install yellow sticky trap for monitoring white flies and hoppers Timely earthing up should be done	
Cucurbitaceous vegetable	Vegetative stage		In cucurbitaceous crop which are 20-25 days old, application of 10-15 gram urea/hill is advised.	
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather			
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts.  Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.			
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.			



#### ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19	District: Phek		Bulletin No: 38/2019	
Weather of preceding week		Weather forecast valid upto 15.05.2019		
Light rain occurred the past week		■ Probability of light rain		
■ Max and min temperatures ranged 32 <sup>o</sup> C to 3	34°C and 22°C to	■ Max temp is likely to be 28°C - 30°C and min temp 18°C to 20°C		
25 <sup>o</sup> C, respectively.		■ Sky is likely to be mainly clear the coming week		
■ Relative humidity varied from 46% to 90%.		■ <b>Relative Humidity</b> is likely to range from 30% to 78%.		
Wind speed ranged from 2 to 4kmph		■ Wind speed may reach upto2-4kmph		
		<ul><li>Wind may blow most</li></ul>	southeasterly direction	
		Weekly cumulative Rain	fall: 12mm	

#### WEATHER FORECAST BASED AGROMET ADVISORIES Main crop **Growth Stage** Pest/Disease Weather based Agro-Advisories TRC/WRC Storage Place sticky traps in the drying and storage areas for rats paddy Maize Germinating Thinning should be done after 10 days of germination keeping one plant per hill. Apply neem cake @ 250kg/ha immediately after germination Cucurbitaceous Fruit fly Vegetative vegetable stage Khasi mandarin Prepare basin around the plants followed by mulching with local grasses. Vegetative Daily monitoring should be done for pest and diseases. Summer crops **Poultry** Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather Animals should be vaccinated against all infectious diseases before the monsoon starts. Piggery Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration. Fishery Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.



## ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



Date: 10.05.19	District: Tuensang	Bulletin No: 38/2019	
Weather of preceding week		Weather forecast valid upto 15.05.2019	
Light rain occurred the past week		Probability of light rain	
■ Max and min temperatures ranged 28°C to 32°C and 20°C to 24°C, respectively.		■ Max temp is likely to be 27°C-34°C and min temp 21°C to 22°C	
Relative humidity varied from 42% to 85%.		Sky is likely to be partly cloudy the coming week	
<ul><li>Wind speed ranged from 1 to 2kmph</li></ul>		• <b>Relative Humidity</b> is likely to range from 30% to 70%.	
		■ Wind speed may reach upto 1-2kmph	
		■ Wind may blow from mostly southeasterly direction	
		Weekly cumulative Rainfall:6 mm	

			Weekly cumulative Rainfall: 6 mm	
WEATHER FORECAST BASED AGROMET ADVISORIES				
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy	Germination	Leaf folder Blast	To prevent the development of both leaf folder and blast, remove grass weeds from in and around the paddy fields	
Maize	Vegetative	Dead heart	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts	
Rajmash	Vegetative	Leaf miner	In the present weather, as rainfall has occurred timely earthing up should be done.  Timely roughing of infected plants should be done, handpick and destroy the mined leaves, whenever necessary spray the crop with neem products	
Cucurbitaceous vegetable	Vegetative	Bacterial wilt	Eliminate weed hosts and volunteer plants, rouge-out affected plants	
Brinjal	Transplanting	Fruit and shoot borer	Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended are 60×45cm.  Monitoring should be started for <b>fruit and shoot borer</b> as the damage by this insect starts soon after transplanting of the seedlings and continues till harvest of fruits.	
King chilli	Transplanting		For soil application Azospirillium 2kg/ha should be mixed with 20kg of farmyard manure.  Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm.	
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather			
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts.  Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.			
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.			