

### ICAR RESEARCH COMPLEX FOR NEH REGION

Nagaland Center, Medziphema-797106 Dimapur, Nagaland



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

Date: 28.05.19	District: Wokha	Bulletin No: 43/2019
Weather of preceding week		Weather forecast valid upto 02.06.2019
■ Light rain occurred the past week		Probability of moderate rain
■ Max and min temperatures ranged 26°C to 2°	$7^{0}$ C and $17^{0}$ C to $19^{0}$ C	■ Max temp is likely to be 26°C-28°C and min temp 15°C to
respectively.		$17^{0}$ C
■ Relative humidity varied from 31% to 84%.		Sky is likely to be partly cloudy the coming week
<ul> <li>Wind speed ranged from 3 to 4kmph</li> </ul>		■ <b>Relative Humidity</b> is likely to range from 32% to 92%.
		■ Wind speed may reach upto 4-6 kmph
		<ul> <li>Wind may blow from south easterly direction</li> </ul>
		Weekly cumulative Rainfall: 49mm

#### WEATHER 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 Dead hearts The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts About 3-4 hoeing and weeding are normally needed for an **Brinjal** Vegetative effective control of weeds, proper aeration and good growth stage Conserve in situ soil moisture by light hoeing, weeding and Citrus 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 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. Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be **Fishery** enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.



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Date: 28.05.19	District: Zunheboto		eboto Bulletin No: 43/2019		
	Weather of precedi	ing week	Weather forecast valid upto 02.06.2019		
<ul> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 26°C to 27°C and 17°C to 18°C, respectively.</li> <li>Relative humidity varied from 33% to 82%.</li> <li>Wind speed ranged from 4 to 5 kmph</li> </ul>			<ul> <li>Probability of moderate rain</li> <li>Max temp is likely to be 27°C- 31°C and min temp 20°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 37% to 95%.</li> <li>Wind speed may reach upto 4-5kmph</li> <li>Wind may blow from south easterly direction Weekly cumulative Rainfall: 39 mm</li> </ul> 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,		
Shum paday	Germinating	Diast	Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection		
Maize	Vegetative	Dead hearts	d hearts  The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Brinjal	Vegetative stage		About 3-4 hoeing and weeding are normally needed for a effective control of weeds, proper aeration and good growth		
Citrus		- Conserve in situ soil moisture by light hoeing, weeding an subsequent mulching with dry weed/grasses in citrus tre basins. Rain water harvesting ponds should be dug at louland 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.				



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Date: 28.05.19 District: Dir	napur Bulletin No: 43/2019
Weather of preceding week	Weather forecast valid upto 02.06.2019
■ Light rain occurred the past week	<ul> <li>Probability of light rain on 1<sup>st</sup> June</li> </ul>
■ Max and min temperatures ranged 32°C to 33°C and 22°C to	
respectively.	22 <sup>0</sup> C
■ Relative humidity varied from 24% to 71%.	<ul> <li>Sky is likely to be mainly clear sky the coming week</li> </ul>
■ Wind speed ranged from 4 to 6 kmph	■ <b>Relative Humidity</b> is likely to range from 27% to 88%.
	■ Wind speed may reach upto 5-6kmph
	■ Wind may blow from south easterly direction
	Weekly cumulative Rainfall: 2mm

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.		
Assam Lemon			Spacing recommended is 75×90cm.  Conserve <i>in situ</i> soil moisture by light hoeing, weeding		
Assum Lemon					
			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		
~ 11			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			altry houses during summer. Daily provide plenty of fresh,		
	clean and cool	drinking water durir	ig not weather		
Piggery	Animals should	l be vaccinated again	nst all infectious diseases before the monsoon starts.		
- 3841)			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 t	o keep your pond fu	all and the fish may die. Harvest the fish in pond having less		
	water depth.	• • • • • • • • • • • • • • • • • • • •			
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Date: 28.05.19	District: Kiphire	Bulletin No: 43/2019
Weather of preceding week		Weather forecast valid upto 02.06.2019
Lightrain occurred the past week		Probability of moderate rain
<ul> <li>Max and min temperatures ranged 27°C to 30</li> </ul>	$0^{0}$ C and $18^{0}$ C to $20^{0}$ C,	■ Max temp is likely to be 28°C-30°C and min temp17°C to 18°C
respectively.		■ Sky is likely to be partly cloudy the coming week
• Relative humidity varied from 31% to 79%.		■ <b>Relative Humidity</b> is likely to range from 32% to 84%.
■ Wind speed ranged from 2 to 3kmph		■ Wind speed may reach upto 3-4 kmph
		■ Wind may blow from southerly direction
		Weekly cumulative Rainfall:37 mm

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		
	***	Y C :	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	Vegetative	Bacterial wilt	Eliminate weed hosts and volunteer plants, rouge-out		
vegetable	<b>7</b> 7	F '4 1 1 4	affected plants		
Brinjal	Vegetative	Fruit and shoot borer	Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended are 60×45cm.		
	stage	00161	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.		
V: 1.:11:	Tuonanlantina				
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	During this seas	on, avoid overcro	owding of birds; water intake should be increased as even a		
•	_		d to heat stroke and mortality; shifting, transportation, de-		
	beaking and vace	cination should be	done during night or cool hours of the day.		
Piggery			inst all infectious diseases before the monsoon starts.		
	Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the ear				
	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				
Fishery	administration.	nkment to avoid a	rosion due to heavy rainfall		
1 1811C1 y	Strengthen emba	пътет то ауота е	rosion due to nedvy rainjan		



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Date: 28.05.19	District: Kohima		Bulletin No: 43/2019
Weather of preceding week		Weather	forecast valid upto 02.06.2019
<ul> <li>Light rain occurred the past week</li> </ul>		<ul> <li>Probability of moderate</li> </ul>	
■ Max and min temperatures ranged 24°C to 26°C and 15°C to		<ul><li>Max temp is likely to l</li></ul>	be 26 <sup>0</sup> C - 28 <sup>0</sup> C and <b>min temp</b> 15 <sup>0</sup> C to 17 <sup>0</sup> C
16 <sup>o</sup> C, respectively.		<ul><li>Sky is likely to be par</li></ul>	tly cloudy the coming week
Relative humidity varied from 31% to 78%.		■ Relative Humidity is 1	ikely to range from 34% to 93%.
■ Wind speed ranged from 3 to 5kmph		<ul> <li>Wind speed may reach</li> </ul>	upto 6-6 kmph
		<ul><li>Wind may blow from</li></ul>	southeasterly direction
		Weekly cumulative Rain	fall:65 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 water depth.



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Date: 28.05.19	<b>District: Longleng</b>	Bulletin No: 43/2019
Weather of preceding week		Weather forecast valid upto 02.06.2019
■ Lightrain occurred the past week		■ Probability of light rain
■ Max and min temperatures ranged 25°C to	$28^{\circ}$ C and $20^{\circ}$ C to	■ Max temp is likely to be 27°C-32°C and min temp 21°C to
21°C, respectively.		23 <sup>0</sup> C
■ Relative humidity varied from 43% to 85%.		• 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 35% to 80%.
		■ Wind speed may reach upto 4-5 kmph
		<ul> <li>Wind may blow from south easterly direction</li> </ul>
		Weekly cumulative Rainfall: 7mm

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories	
		Blast		
Jhum paddy	Germinating	Diast	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	Vegetative		About 3-4 hoeing and weeding are normally needed for an	
	stage		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	ng water during hot	weather	
Piggery	Animals should	be vaccinated agai	nst all infectious diseases before the monsoon starts.	
00 .			g extreme heat conditions. Plan to vaccinate in the early	
		_	are low to moderate. Always read label instructions as this	
	_	-	on on the type of animal to vaccinate, the dose, and route of	
	administration.		on one type of minimum to the same, and dose, and found of	
	udilililibiration.			
Fishery	Do not depend	solely on rainwater	r to fill your pond as when it does not rain, there may not be	
	enough water to	keep your pond f	full and the fish may die. Harvest the fish in pond having less	
	water depth.			



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Date: 28.05.19		District: Mokokchur		g Bulletin No: 43/2019	
	Weather of preceding week			Weather forecast valid upto 02.06.2019	
<ul> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 27°C to 38°C and 20°C to 21°C, respectively.</li> <li>Relative humidity varied from 48% to 90%.</li> <li>Wind speed ranged from 3 to 4 kmph</li> </ul>		<ul> <li>Probability of moderate rain</li> <li>Max temp is likely to be 26°C-28°C and min temp 15°C to 17°C</li> <li>Sky is likely to be partly cloudy the coming week</li> <li>Relative Humidity is likely to range from 37% to 87%.</li> <li>Wind speed may reach upto4-5 kmph</li> <li>Wind may blow from mostly south easterly direction Weekly cumulative Rainfall:43mm</li> </ul>			
	WEATH	IER 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 wee from the early growth itself.  About 3-4 hoeing and weeding are normally needed for 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.				



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Date: 28.05.19	District: Mon		<b>Bulletin No: 43/2019</b>
Weather of preceding week		Weather f	orecast valid upto 02.06.2019
■ Light rain occurred the past week		<ul> <li>Probability of moderate</li> </ul>	
■ Max and min temperatures ranged 26°C to 28°C and 19°C to		<ul><li>Max temp is likely to l</li></ul>	be $26^{\circ}$ C - $28^{\circ}$ C and <b>min temp</b> $15^{\circ}$ C to $17^{\circ}$ C
21 <sup>o</sup> C, respectively.		<ul><li>Sky is likely to be par</li></ul>	tly cloudy the coming week
Relative humidity varied from 40% to 84%.		■ Relative Humidity is 1	likely to range from 40% to 83%.
■ Wind speed ranged from 3 to 4 kmph		<ul> <li>Wind speed may reach</li> </ul>	upto 4-5 kmph
		<ul><li>Wind may blow from</li></ul>	south easterly direction
		Weekly cumulative Rain	fall: 50mm

Main aran	Crowth Stage	Pest/Disease	Weather based Agree Advisories			
Main crop	Growth Stage	Leaf folder	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					
Dununu		Regular checking of fruit under the bunch cover is essential to ensure any damage				
	Timely remove of		•			
	Timery remove of	a ana acaa icav	Co			
Poultry	Protect the	birds from rain	1.			
	Keep the 1	Keep the litter material dry.				
	<ul> <li>Give electrolyte in drinking water to birds of 1-6 weeks.</li> </ul>					
Piggery	Animals purchased for the farm should be from disease free herds.					
1 18801 9	•					
			s should be isolated from the other animals in the farm for a			
	period of three to four weeks.					
	No visitor should be allowed to visit the farm.					
Fishery	Renovation of old	d pond should l	be carried out and proper inspection of works of new pond			
		•				
		construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.				
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Dimapur, Nagaland

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Date: 28.05.19	District: Peren		<b>Bulletin No: 43/2019</b>
Weather of preceding week		Weather	forecast valid upto 02.06.2019
■ Lightrain occurred the past week		Probability of heavy rain	
■ Max and min temperatures ranged 26°C to 27°C and 17°C to		■ Max temp is likely to be $26^{\circ}$ C - $28^{\circ}$ C and min temp $15^{\circ}$ C to $17^{\circ}$ C	
19 <sup>o</sup> C, respectively.		■ Sky is likely to be mainly cloudy the coming week	
Relative humidity varied from 33% to 92%.		■ <b>Relative Humidity</b> is likely to range from 38% to 98%.	
<ul> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>		■ Wind speed may react	h upto 3-4 kmph
		<ul><li>Wind may blow from</li></ul>	mostly southerly direction
		Weekly cumulative Rain	fall:207 mm

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 stage		Timely weeding and earthing up should be carried out		
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 T			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		<b>O</b> 1	oltry houses during summer. Daily provide plenty of fresh,		
	clean and cool	n and cool drinking water during hot weather			
Diagony	Animals should	A simple should be used instead excited all infectious discours before the manager starts			
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 ear morning hours when temperatures are low to moderate. Always read label instructions as the will give you plenty of information on the type of animal to vaccinate, the dose, and route				
	administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be				
J. Contract of the contract of	enough water to keep your pond full and the fish may die. Harvest the fish in pond having less				
	water depth.				
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Date: 28.05.19	District: Phek		Bulletin No: 43/2019
Weather of preceding week		Weather forecast valid upto 02.06.2019	
■ Light rain occurred the past week		Probability of moderate rain	
■ Max and min temperatures ranged 24°C to 25°C and 15°C to		■ Max temp is likely to be 26°C - 28°C and min temp15°C to 17°C	
16 <sup>0</sup> C, respectively.		■ Sky is likely to be mainly cloudy the coming week	
<ul> <li>Relative humidity varied from 30% to 84%.</li> </ul>		■ <b>Relative Humidity</b> is likely to range from 39% to 93%.	
■ Wind speed ranged from 2 to 4kmph		■ Wind speed may reach upto3-4 kmph	
		■ Wind may blow most	ly southerly direction
		Weekly cumulative Rain	fall:86mm

#### 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.



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Date: 28.05.19	<b>District: Tuensang</b>	Bulletin No: 43/2019	
Weather of preceding week		Weather forecast valid upto 02.06.2019	
Light rain occurred the past week		Probability of light rain	
■ Max and min temperatures ranged 22 <sup>o</sup> C to 23 <sup>o</sup> C and 12 <sup>o</sup> C to 13 <sup>o</sup> C,		■ Max temp is likely to be 26°C-27°C and min temp15°C to	
respectively.		16 <sup>0</sup> C	
■ Relative humidity varied from 34% to 82%		■ 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 34% to 85%.	
		■ Wind speed may reach upto 3-4 kmph	
		■ Wind may blow from southerly direction	
		Weekly cumulative Rainfall:30mm	

#### WEATHER FORECAST BASED AGROMET ADVISORIES Main crop Growth Pest/Disease Weather based Agro-Advisories Stage Germination Leaf folder Jhum paddy To prevent the development of both leaf folder and blast, remove grass weeds from in and around the paddy fields Blast Dead heart The prevalent weather is favourable for the development of Maize Vegetative stem borer. Daily monitoring should be done. Removed the infested plant parts Vegetative Leaf miner In the present weather, as rainfall has occurred timely Rajmash 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 Vegetative Bacterial wilt Eliminate weed hosts and volunteer plants, rouge-out vegetable affected plants **Brinjal** Vegetative Fruit and shoot Monitoring should be done daily for fruit and shoot borer borer as the damage by this insect starts soon after transplanting of the seedlings and continues till harvest of fruits. For soil application Azospirillium 2kg/ha should be mixed King chilli Transplanting with 20kg of farmyard manure. Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm. 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. Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be **Fishery** enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.