

ICAR RESEARCH COMPLEX FOR NEH REGION

# Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17 Dimapur District

R . RCNEH				Bulletin No:79/2017		
	Weather s	ummary of the prec	eding week	Weather forecast valid upto 11 <sup>th</sup> Oct'17		
	Light rain occurr			<ul> <li>Probability of light rain the coming week.</li> </ul>		
		ninimum temperatu				
		o 26 <sup>0</sup> C, respectively.		Sky is likely to be mainly cloudy the coming week		
		y varied from 57% t		• <b>Relative Humidity</b> is likely to range from 59% to 92%.		
	• Wind speed rang	ed from 1 to 2 kmpl	1	• Wind speed may reach upto 2- 4 kmph		
				Wind direction will be mostly southeasterly		
, M	NDVI for Nagaland	4				
		A		North East Region 14 Sept 2017		
				bare soll / wet		
				C 2- 0.2 background		
N ese				0.4-0.5 0.5-0.5 Good		
H I K				■ 0.6 - 0.7 Wery Good		
ura PAI				Agriculture vigour is good over most of the parts Northern Assam Tripura and Meghalaya  whereas moderate vigour is noticed in rest		
				of the region.		
(Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA				Moderate wet conditions		
f A JH/	Field crops					
R, i	Main Crops	Stage	Pest/	Agro-meteorological Advisories		
			Diseases			
E C	Jhum paddy	Harvesting stage		During sunny days harvest the early and early medium duration varieties when		
C and				80% of the grains matured in a panicle. Harvest, process, dry and pack different		
	TRC/WRC	Dough	Brown	paddy varieties separately without mixing for better price for their produce Destroy the infested residue, stubbles, grass and weeds present in the bunds of the		
L D	paddy	Dough development	spot, blast	field as they act as a source for the infection		
S E	paday	stage	spot, blast	For rice blast management, destroy the infested residue, stubbles, grass and		
		stuge		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 <b>toria</b> and arrangement for quality seeds		
		1 1		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 of RCM-76.
Groundnut	Maturity stage	
		Horticultural crop
<u></u>		Timely weeding and earthing up should be done
Citrus		During this month, Bordeaux paste should be applied on tree trunk of citrus up 60cm height from ground level. To kill the trunk borer grubs, clean the bo holes of the infested trunk with iron wire and insert a cotton swab soaked petrol or kerosene and plug with mud.
Vegetables		Nursery preparation should be started for vegetables like cabbage, cauliflow knolkhol, broccoli, radish, tomato and arrangement for quality seeds should done. Suitable varieties for our region:
		<ol> <li>Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of In (OP).</li> <li>Broccoli – Pushpa, princess.</li> </ol>
		<ol> <li>Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>Knolkhol – White Vienna.</li> <li>Radish – Japanese white, Pusa chetki.</li> <li>Pea – Arkel</li> </ol>
Cucurbits	Harvesting stage	Harvest the cucurbits at proper maturity stage depending upon its use. O matured fruits become fibrous and immature fruits are tender and have short st life
Brinjal	Maturity stage	Timely weeding and earthing up should be done.
		WiltRemove and destroy the affected plantProper drainage should be maintained in the field
Naga king chilli	Fruiting to harvesting stage	Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil shoul 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray ne oil @5ml/litre of water
Vaccination of	animals should be do	<i>Livestock</i> ne against out-break of major diseases. Provide clean and cool drinking water to the animals

	Poultry	• 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	Continue routine deworming of piglets at 5-6 months interval
		• Continue injection of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day
		• Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily
		inspection early in the morning should be done for any abnormal behaviour. Observe their general stage
		of health, check for parasites and injuries, and watch out for any abnormal feeding habits Examine the
		animals for maggot infestation and ectoparasites and use suitable control measures
		• Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner
		Fisheries
11+++		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
भाकुअनुप		
ICAR		

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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## **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Kiphire District

Bulletin No:79/2017

Weather su	Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Oct'17		
	Light rain occurred the past week			• Probability of light rain the coming week.		
• Maximum and	• Maximum and minimum temperatures ranged			• Max temp is likely to be $32^{\circ}$ C - $33^{\circ}$ C and the min temp $22^{\circ}$ C to $24^{\circ}$ C		
	nd $20^{\circ}$ C to $22^{\circ}$ C, resp		Sky is lik	ely to be mainly cloudy the con	ming week	
	ity varied from 64% t		· · · · · · · · · · · · · · · · · · ·	Humidity is likely to range from	0	
• Wind speed ran	ged from 1 to 2 kmpl	ı	• Wind spe	eed may reach upto 1- 2 kmph		
1				rection will be southeasterly		
NDVI for Nagaland				North East Region14 Sept 2017Image: Sept 2017Im		
				Moderate wet conditions		
			Fiel	ld crops		
Main Crops	Stage	Pest/		Agro-meteorologica	al Advisories	
		Diseases				
Jhum paddy	Harvesting stage		80% of the	· · ·	arly medium duration varieties when rvest, process, dry and pack different or better price for their produce	
TRC/WRC	Dough	Brown spot,	Destroy the infested residue, stubbles, grass and weeds present in the bunds of			
paddy	development	blast	the field as they act as a source for the infection			
	stage			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 <b>toria</b> 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.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

Groundnut       Maturity stage       Horticultural crop         Timely weeding and earthing up should be done       During this month, Bordeaux paste should be applied on tree trunk of citrus up to 00cm height from ground level. To kill the trunk borer grubs, ciean the borea holes of the infested trunk with from sirer and insert a conton swab soaked in petrol or kerosene and plug with mud.         Vegetables       Nursery preparation should be started for vegetables like cabbage, cauliflower, knokkol, broccoli, ralish, tomato and arrangement for quality seeds should be done.         Suitable varieties for our region:       1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).         Broccoli – Pushpa, princess.       3. Tomato – Pusa ruby, Arka vikash, Punjab swari.         Kaolikhol – White Vienna.       5. Radish – Japanese white, Pusa chetki.         G. Pea – Arkel       Harvesting stage         Wilt       Remove and destroy the affected plant         Proper drainage should be done.       Proper drainage should be done.         Radish – String to harvesting stage       Timely weeding and earthing up should be done.         Fruit trees       Maturity stage       Timely weeding and earthing up should be done.         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       Vegetative stage       Timely monitor the disease in ginger field. For aphids and whiteflies, spray ne			Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.
Citrus       Timely weeding and earthing up should be done         Citrus       During this month, Bordeaux pasts should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the borea holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.         Vegetables       Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.         Suitable varieties for our region:       1. Cabbage Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).         2. Broccoli – Pushpa, princess.       3. Tomato – Pusa ruby, Arka vikash, Punjab swari.         4. Knolkhol – White Vienna.       5. Radish – Japanese white, Pusa chetki.         6. Pea – Arkel       Raverst the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life         Brinjal       Maturity stage       Timely weeding and earthing up should be done.         Naga king chilli       Fruiting to harvesting stage       Remove and destroy the affected plant         > Proper drainage should be done for insect pest and need based neem oil should be aspray         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       Vegetative stage       Timely monitor the disease in ginger field.	Groundnut	Maturity stage	
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	Ginger / turmeric	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water
Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			

	Poultry	<ul> <li>Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water</li> <li>Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both.</li> <li>Avoid over crowding</li> </ul>
	Piggery	<ul> <li>Continue routine deworming of piglets at 5-6 months interval</li> <li>Continue injection of iron for piglets at 4<sup>th</sup> and 14<sup>th</sup> day</li> <li>Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits Examine the animals for maggot infestation and ectoparasites and use suitable control measures</li> <li>Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner</li> </ul>
		Fisheries
HIGP 34-JU ICAR		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

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## **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Kohima District

	Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Oct'17		
• I	Light rain occurred the past week			Probability of light rain the coming week.		
- 1	• Maximum and minimum temperatures ranged 25			• Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $17^{\circ}$ C to $19^{\circ}$ C		
		$16^{\circ}$ C to $18^{\circ}$ C, respectively.		• Sky is likely to be mainly cloudy the coming week		
		ity varied from $62\%$		• <b>Relative Humidity</b> is likely to range from 49% to 96%.		
		ged from 1 to 2 km		• Wind speed may reach upto 1- 2 kmph		
		0		Wind direction will be mostly easterly		
1 =	NDVI for Nagaland			North East Region       14 Sept 2017         Image: Sept 2017       Image: Sept 2017         Image: Sept 2017		
				Moderate wet conditions		
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N	Main Crops Stage Pest/		Pest/	Agro-meteorological Advisories		
	•	U	Diseases			
Jh	Jhum paddy Harvesting stage			During sunny days harvest the early and early medium duration varieties when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce		
	TRC/WRCDough development stageBrown 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.		
Ta	oria	Land preparation	-	Field preparation should be started for <b>toria</b> 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 Groundnut	Land preparation Maturity stage	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.
		<i>Horticultural crop</i> Timely weeding and earthing up should be done
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Bulletin No:79/2017

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		rred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>		
	• Maximum and minimum temperatures ranged 30 <sup>o</sup> C					
		C to 20 <sup>0</sup> C, respectively.		Sky is likely to be mainly cloudy the coming week		
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Ma	in	Stage	Pest/	Agro-meteorological Advisories		
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Jhum po	-	Harvesting stage		During sunny days harvest the early and early medium duration varieties when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce		
TRC/W	RC	Dough development	Brown	Destroy the infested residue, stubbles, grass and weeds present in the		
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			Horticultural crop
	·	Timely weeding	ng and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done. Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage	Wilt	<ul> <li>Timely weeding and earthing up should be done.</li> <li>Remove and destroy the affected plant</li> <li>➢ Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water
	Vaccination of a	nimals should be done as	<i>Livestock</i> gainst out-break of major diseases. Provide clean and cool drinking water to the animals
	Poultry		e/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable
		<ul> <li>Vaccinate again and intensive sy</li> <li>Avoid over cro</li> </ul>	
	Piggery	Continue inject	ne deworming of piglets at 5-6 months interval tion of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day affect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily
		inspection early stage of health Examine the an	y in the morning should be done for any abnormal behaviour. Observe their general n, check for parasites and injuries, and watch out for any abnormal feeding habits nimals for maggot infestation and ectoparasites and use suitable control measures s of any disease like CSF, FMD etc and immediately consult a veterinary practitioner
			<i>Fisheries</i>
HID SHARE		water, do not let weed	pond every day when you take food to your fish, make sure the pond remains full of ds cover more than one quarter of the surface. If there are too many weeds, clean your of experts and information from mass media

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Mokokchung District

Bulletin No:79/2017

Weather summary of the preceding week		Weather	forecast valid	upto 11 <sup>th</sup> Oct'17
Light rain occurred the past week		lity of light rain the		
• Maximum and minimum temperatures ranged	Max ter	<b>np</b> is likely to be 2 <sup>th</sup>	9 <sup>0</sup> C - 31 <sup>0</sup> C and	the min temp $19^{\circ}$ C to $20^{\circ}$ C
$28^{\circ}$ C to $30^{\circ}$ C and $21^{\circ}$ C to $23^{\circ}$ C, respectively.	Sky is li	ikely to be mainly	cloudy the con	ning week
• Relative humidity varied from 61% to 94%.	Relative	e Humidity is likel	y to range from	n 57% to 90%.
• Wind speed ranged from 1 to 2 kmph	• Wind s	peed may reach upt	to 1-2 kmph	
	Wind d	irection will be sou	utheasterly	
NDVI for Nagaland		North Fort Device		
		North East Region	14 Sept 2017	
		53		
			<pre>climit &lt; 0.2 bare soil / wet background     0.2 - 0.3 Moderate</pre>	
			0.3 - 0.4 J	
		C C	0.5 - 0.6 0.6 - 0.7 > 0.7	
		Agriculture vigour is good over most of t Tripura and Meghalaya whereas moderat		
		of the region.		
				Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		During sunny days harvest the early and early medium duration varieties when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce
TRC/WRC	Dough	Brown spot,	Destroy the infested residue, stubbles, grass and weeds present in the bunds of
paddy	development stage	blast	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 <b>toria</b> 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

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		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
<u> </u>		and RCM-76.
Groundnut	Maturity stage	
		Horticultural crop
		Timely weeding and earthing up should be done
Citrus		During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables		Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.
		<ul> <li>Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> </ul>
		<ul> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage	Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage	Timely weeding and earthing up should be done.
U		WiltRemove and destroy the affected plant>Proper drainage should be maintained in the field
Naga king chilli	Fruiting to 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water
	of animals should be d	<i>Livestock</i> one against out-break of major diseases. Provide clean and cool drinking water to the animals

	Poultry	• 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	Continue routine deworming of piglets at 5-6 months interval
		• Continue injection of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day
		• Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily
		inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of
		health, check for parasites and injuries, and watch out for any abnormal feeding habits Examine the animals
		for maggot infestation and ectoparasites and use suitable control measures
		Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner
		Fisheries
WH H/		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
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ICAR		

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

# Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17 Mon District

NEH	Weather summary of the preceding week				Weather forecast valid upto 11 <sup>th</sup> Oct'17		
		ccurred the past wee		Probal	Probability of light rain the coming week.		
		and minimum temp			<b>temp</b> is likely to be $28^{\circ}$ C - $30^{\circ}$ C at	nd the min temp $18^{\circ}$ C to $19^{\circ}$ C	
	$27^{\circ}$ C to $29^{\circ}$ C	C and $20^{\circ}$ C to $22^{\circ}$ C, i	respectively.		s likely to be mainly cloudy the co		
		nidity varied from 71		· · · · ·	we Humidity is likely to range from	0	
		ranged from 1 to 2 k			speed may reach upto 1- 2 kmph		
	······································				direction will be southeasterly		
IA	NDVI for Naga	aland					
EN					North East Region 14 Sept 2017		
Ηd					<0.2 bare soil / wet background		
IZ					0.2-0.3 0.3-0.4		
Η					0.4-0.5 0.5-0.6 0.5-0.7		
N,					>0.7		
AN					Agriculture vigour is good over most of the parts Northern Assam Tripura and Meghalaya whereas moderate vigour is noticed in rest of the region.		
NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA						Moderate wet conditions	
ARN				Fie	ld crops		
JHL		1 1					
K.	Main	Stage	Pest/	Agro-meteorological Advisories			
EL	Crops		Diseases				
E	Jhum paddy	Harvesting stage		During si	unny days harvest the early and	early medium duration varieties	
0				when 80% of the grains matured in a panicle. Harvest, process, dry and pack			
Z				different p	paddy varieties separately withou	t mixing for better price for their	
LA				produce			
<b>GA</b>	TRC/WRC	Dough	· · · · · · · · · · · · · · · · · · ·	•	he infested residue, stubbles, gras	*	
IAC	paddy	development		• •	d as they act as a source for the in		
Z		stage			blast management, destroy the infe		
				-	esent in the bunds of the field	as they act as a source for the	
				infection.			
	Toria	Land preparation			paration should be started for <b>to</b>	0 0 1 1	
					ould be done. M-27, TS-36 and	TS-38 are some of the varieties	
					nded for our region		
	Rabi maize	Land preparation		-	· ·	abi maize. It can be grown in all	
				types of	soils having adequate provisio	n of drainage. Field should be	

			<ul> <li>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.</li> <li>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</li> </ul>
Groundnut	Maturity stage		
			Horticultural crop
		Timely	weeding and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done. Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant <ul> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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 /	Vegetative stage		<i>Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water</i>
turmeric			neem ou commune of which

	Vaccination of an <i>Poultry</i>	<ul> <li>Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water</li> <li>Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both.</li> <li>Avoid over crowding</li> </ul>
	Piggery	<ul> <li>Continue routine deworming of piglets at 5-6 months interval</li> <li>Continue injection of iron for piglets at 4<sup>th</sup> and 14<sup>th</sup> day</li> <li>Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits Examine the animals for maggot infestation and ectoparasites and use suitable control measures</li> <li>Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner</li> </ul>
		Fisheries
HEP3HIN ICAR		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

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NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

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

### **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Peren District

			Bulletin No:79/2017		
Weather sum	mary of the preced	ing week	Weather forecast valid upto 11 <sup>th</sup> Oct'17		
Light rain occu	rred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>		
• Maximum and minimum temperatures ranged			• Max temp is likely to be $32^{\circ}$ C - $33^{\circ}$ C and the min temp $22^{\circ}$ C to $24^{\circ}$ C		
	nd $19^{0}$ C to $21^{0}$ C, res		Sky is likely to be mainly cloudy the coming week		
	ity varied from 60%		Relative Humidity is likely to range from 51% to 94%.		
Wind speed ran	ged from 2 to 3 km	ph	• Wind speed may reach upto 2- 3 kmph		
			Wind direction will be mostly easterly		
NDVI for Nagaland			North East Region 14 Sept 2017 14 Sept 201		
			Moderate wet conditions		
			Field crops		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
Jhum paddy	Harvesting		During sunny days harvest the early and early medium duration varieties		
	stage		when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce		
TRC/WRC	Dough	Brown	Destroy the infested residue, stubbles, grass and weeds present in the bunds of		
paddy	development	spot, blast	the field as they act as a source for the infection		
stage			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		Land preparation should be started for rabi maize. It can be grown in all		
	preparation		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.
Groundnut	Maturity stage		
	<u> </u>	Timelv w	Horticultural crop eeding and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done. Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant <ul> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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.

ases. Provide clean and cool drinking water to the animals	
upplements (@5- 6ml/100 birds) with adequate potable	
khet disease and deworm every two months for backyard	
months interval d 14 <sup>th</sup> day equent intervals with suitable disinfectant (KMnO4). Daily done for any abnormal behaviour. Observe their general juries, and watch out for any abnormal feeding habits and ectoparasites and use suitable control measures D etc and immediately consult a veterinary practitioner	
S	
are of your pond every day when you take food to your fish, make sure the pond remains full of not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your e the advice of experts and information from mass media	

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# **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Phek District

Bulletin No:79/2017

H				Bulletin No:79/2017			
	Weather su	mmary of the prec	eding week	Weather forecast valid upto 11 <sup>th</sup> Oct'17			
	<ul><li>Light rain occurred the past week</li><li>Maximum and minimum temperatures</li></ul>			<ul> <li>Probability of light rain the coming week.</li> </ul>			
				• Max temp is likely to be $31^{\circ}$ C - $32^{\circ}$ C and the min temp $20^{\circ}$ C to $21^{\circ}$ C			
	ranged 29 <sup>0</sup> C	C to $30^{\circ}$ C and 19	$9^{0}$ C to $21^{0}$ C,	Sky is likely to be mainly cloudy the coming week			
	respectively.			Relative Humidity is likely to range from 55% to 93%.			
-		nidity varied from		• Wind speed may reach upto 2- 4 kmph			
M	• Wind speed	ranged from 1 to 2	kmph	Wind direction will be mostly southeasterly			
ΞH							
	NDVI for Naga	aland		North East Region 14 Sept 2017			
n i				- CTA			
M				C2 bare soil / wet background			
Ţ,				0.2-03 Moderate 0.3-0.4 J 0.4-0.5 J			
A				0.5-0.6 J cood			
A				Aariculture visour is good over most of the oarts Northern Assam			
				Tripues and Meghalaya whereas moderate vigour is noticed in rest of the region.			
HA				Moderate wet conditions			
ΥΥ Υ				Field crops			
Ĩ							
NAGALAND CENTEK, JHAKNAPANI, MEDZIPHEMA	Main	Stage	Pest/	Agro-meteorological Advisories			
	Crops	Suge	Diseases				
	Jhum paddy	Harvesting	Discuses	During sunny days harvest the early and early medium duration varieties when 80%			
	grand particip	stage		of the grains matured in a panicle. Harvest, process, dry and pack different paddy			
5		6		varieties separately without mixing for better price for their produce			
AN I	TRC/WRC	Dough	Brown spot,	Destroy the infested residue, stubbles, grass and weeds present in the bunds of the			
	paddy development blast stage			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	-	Field preparation should be started for toria and arrangement for quality seeds			
		preparation		should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for			
				our region			

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Rabi maize Groundnut	Land preparation Maturity stage		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.
		Time	<i>Horticultural crop</i> ely weeding and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</li> <li>Suitable varieties for our region: <ol> <li>Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>Broccoli – Pushpa, princess.</li> <li>Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>Knolkhol – White Vienna.</li> <li>Radish – Japanese white, Pusa chetki.</li> <li>Pea – Arkel</li> </ol> </li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant <ul> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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					
	1 1 1 1 1 1 1 1 1 1 1 1		Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.					
	Ginger /	Vegetative	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem					
	turmeric	stage	oil @5ml/litre of water					
	Livestock							
			be done against out-break of major diseases. Provide clean and cool drinking water to the animals					
	Poultry	Provide gl	ucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water					
			against prevalent disease like Ranikhet disease and deworm every two months for backyard and system both.					
			er crowding					
	Piggery		routine deworming of piglets at 5-6 months interval					
		Continue	njection of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day					
		Regularly	disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily					
		inspection	early in the morning should be done for any abnormal behaviour. Observe their general stage of					
		-	eck for parasites and injuries, and watch out for any abnormal feeding habits Examine the animals					
		for maggo	t infestation and ectoparasites and use suitable control measures					
		Check for	signs of any disease like CSF, FMD etc and immediately consult a veterinary practitioner					
	Fisheries							
	our pond every day when you take food to your fish, make sure the pond remains full of water, do							
		not let weeds cov	ver 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						
भाकुअनुष ICAR								

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## **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Tuensang District

Bulletin No:79/2017

En	Weather si	ummary of the prece	ding week	Weather forecast valid upto 11 <sup>th</sup> Oct'17		
		curred the past week		Probability of light rain the coming week.		
	• Maximum an	nd minimum temper	atures ranged	• Max temp is likely to be $31^{\circ}$ C - $32^{\circ}$ C and the min temp $20^{\circ}$ C to $21^{\circ}$ C		
	$27^{\circ}$ C to $29^{\circ}$ C	C and 20 <sup>o</sup> C to 21 <sup>o</sup> C, r	espectively.	Sky is likely to be mainly cloudy the coming week		
	Relative hum	hidity varied from 65	% to 95%.	• <b>Relative Humidity</b> is likely to range from 54% to 94%.		
	• Wind speed	ranged from 1 to 2 k	mph	• Wind speed may reach upto 1- 2 kmph		
-				• Wind direction will be southeasterly		
NAGALAND CENTER,JHARNAPANI. MEDZIPHEMA	NDVI for Nagaland			North East Region 14 Sept 2017 14 Sept 201		
2						
JHA,				Field crops		
ENTER	Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
<b>GALAND C</b>	Jhum paddy	Harvesting stage		During sunny days harvest the early and early medium duration varieties when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce		
NAC	paddy development blast stage		- · ·	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 <b>toria</b> and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region		

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) AGALAND CENTER, JHARNAPANI. MEDZIPHEMA

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.
Groundnut	Maturity stage	
		Horticultural crop
	T1	Timely weeding and earthing up should be done
Citrus		During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables		<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done. Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage	Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage	Timely weeding and earthing up should be done.
		WiltRemove and destroy the affected plant> Proper drainage should be maintained in the field
Naga king chilli	Fruiting to 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water				
	lurmeric		Livestock				
	Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water animals						
	Poultry	water	<ul> <li>Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water</li> </ul>				
		and intensiv	• Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both.				
		Avoid over					
	Piggery		utine deworming of piglets at 5-6 months interval				
		Continue inj	jection of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day				
			isinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily				
		-	arly in the morning should be done for any abnormal behaviour. Observe their general stage				
			neck for parasites and injuries, and watch out for any abnormal feeding habits Examine the				
		animals for	maggot infestation and ectoparasites and use suitable control measures				
		Check for si	gns of any disease like CSF, FMD etc and immediately consult a veterinary practitioner				
			Fisheries				
		Do take care of your pond every day when you take food to your fish, make sure the pond remains full of water, do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Take the advice of experts and information from mass media					
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## **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Wokha District

Weather summary of the preceding week		ing week	Weather forecast valid upto 11 <sup>th</sup> Oct'17		
Light rain of	ccurred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>		
	nd minimum tempera		• Max temp is likely to be $27^{\circ}$ C - $28^{\circ}$ C and the min temp $19^{\circ}$ C to $20^{\circ}$ C		
$27^{0}$ C to $30^{0}$ C	and 21°C to 22°C, resp	ectively.	Sky is likely to be mainly cloudy the coming week		
Relative humidity varied from 61% to 92%.			• <b>Relative Humidity</b> is likely to range from 57% to 92%.		
• Wind speed ranged from 2 to 4 kmph			• Wind speed may reach upto 2- 4 kmph		
1 0 1			Wind direction will be mostly easterly		
NDVI for Nagaland			North East Region       14 Sept 2017         Image: Sept 2017       Image: Sept 2017         Image: Sept 2017		
			Field crops		
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops	0	Diseases			
Jhum paddy Harvesting stage			During sunny days harvest the early and early medium duration varieties when 80% of the grains matured in a panicle. Harvest, process, dry and pack different paddy varieties separately without mixing for better price for their produce		
TRC/WRCDough development stageBrown spot, blast		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 <b>toria</b> 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 Groundnut	Land preparation Maturity stage		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
		Timely weed	ing and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</li> <li>Suitable varieties for our region: <ol> <li>Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>Broccoli – Pushpa, princess.</li> <li>Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>Knolkhol – White Vienna.</li> <li>Radish – Japanese white, Pusa chetki.</li> <li>Pea – Arkel</li> </ol> </li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant <ul> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water			
	<i>Livestock</i> Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking animals					
	Poultry	<ul> <li>Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate water</li> <li>Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for and intensive system both.</li> <li>Avoid over crowding</li> </ul>				
HIB3HIH ICAR		<ul> <li>Continue injection of iron for piglets at 4<sup>th</sup> and 14<sup>th</sup> day</li> <li>Regularly disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO inspection early in the morning should be done for any abnormal behaviour. Observe the stage of health, check for parasites and injuries, and watch out for any abnormal feedi Examine the animals for maggot infestation and ectoparasites and use suitable control measure. Check for signs of any disease like CSF, FMD etc and immediately consult a veterinary pract <i>Fisheries</i></li> </ul>				
		water, do not let wee	r pond every day when you take food to your fish, make sure the pond remains full of eds cover more than one quarter of the surface. If there are too many weeds, clean your e of experts and information from mass media			

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# **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> Oct'17** Zunheboto District

पसं म							Bulletin No:79/2017
	Weather si	ummary of the prec	eding week		Weather	forecast valid	upto 11 <sup>th</sup> Oct'17
Α				<ul> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 27°C - 28°C and the min temp 17°C to 18°C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 56% to 91%.</li> <li>Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly</li> </ul>			
NAGALAND CENTER,JHARNAPANI. MEDZIPHEMA	NDVI for Nagaland				North East Region We want to be a series of the region.		
ZY I							Moderate wet conditions
K,JHA		Field crops					
CENTE	Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories			
AGALAND	Jhum paddy	Harvesting stage		when 80% of	the grains mains	tured in a panic	early medium duration varieties cle. Harvest, process, dry and pack at mixing for better price for their
Z	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.			fection fested residue, stubbles, grass and as they act as a source for the
	Toria	Land preparation	-	Field preparation should be started for <b>toria</b> and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region			

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER.JHARNAPANI. MEDZIPHEMA

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.
Groundnut	Maturity stage		
			Horticultural crop
		Timely w	veeding and earthing up should be done
Citrus			During this month, Bordeaux paste should be applied on tree trunk of citrus up to 60cm height from ground level. To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Vegetables			<ul> <li>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</li> <li>Suitable varieties for our region:</li> <li>1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP).</li> <li>2. Broccoli – Pushpa, princess.</li> <li>3. Tomato – Pusa ruby, Arka vikash, Punjab swari.</li> <li>4. Knolkhol – White Vienna.</li> <li>5. Radish – Japanese white, Pusa chetki.</li> <li>6. Pea – Arkel</li> </ul>
Cucurbits	Harvesting stage		Harvest the cucurbits at proper maturity stage depending upon its use. Over matured fruits become fibrous and immature fruits are tender and have short shelf life
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	Remove and destroy the affected plant <ul> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Fruiting to 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	Vegetative stage	Timely monitor the disease in ginger field. For aphids and whiteflies, spray neem oil @5ml/litre of water			
	<i>Livestock</i> Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals					
	Poultry	<ul> <li>Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water</li> <li>Vaccinate against prevalent disease like Ranikhet disease and deworm every two months for backyard and intensive system both.</li> <li>Avoid over crowding</li> </ul>				
	Piggery	<ul> <li>Continue ro</li> <li>Continue in</li> <li>Regularly of inspection of of health, of animals for</li> </ul>	butine deworming of piglets at 5-6 months interval ajection of iron for piglets at 4 <sup>th</sup> and 14 <sup>th</sup> day disinfect the floors and walls at frequent intervals with suitable disinfectant (KMnO4). Daily early in the morning should be done for any abnormal behaviour. Observe their general stage wheck for parasites and injuries, and watch out for any abnormal feeding habits Examine the maggot infestation and ectoparasites and use suitable control measures igns of any disease like CSF, FMD etc and immediately consult a veterinary practitioner			
	Fisheries					
HIEP SHILL ICAR		do not let weeds co	ur pond every day when you take food to your fish, make sure the pond remains full of water, over more than one quarter of the surface. If there are too many weeds, clean your pond. Take rts and information from mass media			

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