

# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Dimapur District

Bulletin No:101/2016

Weather s	ummary of the prece	ding week	Weather forecast valid upto 25 <sup>th</sup> Dec'16
No rain occur	red the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>
• Maximum an	nd minimum tempe	ratures ranged	• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C
$26^{\circ}$ C to $28^{\circ}$ C	and $11^{\circ}$ C to $12^{\circ}$ C, res	spectively.	Sky is likely to be clear the coming week
Relative hum	idity varied from 37%	to 95%.	Relative Humidity is likely to range from 43% to 93%.
• Wind speed ra	anged from 3 to 2 km	ph	• Wind speed may reach upto 2- 3 kmph
			Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	

Field crops

#### **General Recommendations**

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage	<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage -	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage	Provide mulching to conserve moisture
linseed/lentil	Vegetative stage	• Soil moisture conservation techniques like mulching with crop residue is recommended

#### Horticultural crop

## General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

• Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

	Flowering to fruiting		<ul> <li>Regular monitoring for trunk borer infestation should be carried out at timely interval</li> <li>Collection of infected dropped fruit and buried in to soil</li> </ul>
Vegetables(c abbage,	Vegetative stage		<ul> <li>Collection of infected dropped fruit and buried in to soil</li> <li>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</li> </ul>
cauliflower)	Cabbage caterpillar		<ul> <li>First instars larvae scrap the leaf surface, where as the subsequen instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>
Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
Tomato/ chilli	Vegetative stage		Maintain an even moisture supply of water. Spray 5% neem seed kernel extract to kill early stages larvae.
General Re	commendations		Livestock
• Anima 10% -	als should be given mir 20% in the daily ration	during winter s	long with salt regularly and wheat grains, jaggery etc. may be provided @ season to meet the energy requirement of the animals d to all livestock and poultry.
<ul> <li>Poultry</li> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation ar ways to avoid infectious disease in poultry.</li> </ul>			
	-	•	
Piggery	Regularly inspective of the second seco	ct the dropping gets colder, yo	s of the poultry birds for any diseases symptom. ur pigs' energy requirement will increase, as they need more energy to keep
Piggery         Fishery	Regularly inspective of the second seco	ct the dropping gets colder, yo ctin (Injection)	
	Regularly inspectively inspectively inspectively of the seather warm.     Provide Ivermed Feeds should be shoul	ct the dropping gets colder, yo ctin (Injection) e provided @ 3	s of the poultry birds for any diseases symptom. ur pigs' energy requirement will increase, as they need more energy to keep @ 10mg/33kg body wt for skin infection and keep the floor dry
	<ul> <li>Regularly inspectively inspectively</li></ul>	ct the dropping gets colder, yo ctin (Injection) e provided @ 3	s of the poultry birds for any diseases symptom. ur pigs' energy requirement will increase, as they need more energy to keep @ 10mg/33kg body wt for skin infection and keep the floor dry % body weight per day.

भाकुं अनुप ICAR



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Kiphire District

Bulletin No:101/2016

	Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> Dec'16
	No rain occurre	d the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>
	• Maximum and	minimum tempera	atures ranged	• Max temp is likely to be $20^{\circ}$ C - $22^{\circ}$ C and the min temp $4^{\circ}$ C to $6^{\circ}$ C
	$22^{0}$ C to $24^{0}$ C and	d $4^{\circ}$ C to $6^{\circ}$ C, respect	tively.	Sky is likely to be clear the coming week
	Relative humidit	ty varied from 26% t	o 95%.	Relative Humidity is likely to range from 37% to 92%.
	• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 1- 2 kmph
				Wind direction will be mostly southeasterly
	Main Crops Stage Pest/		Pest/	Agro-meteorological Advisories
	Diseases		Diseases	
				Field crops

#### **General Recommendations**

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>				
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>				
Rabi maize	Vegetative stage		Provide mulching to conserve moisture				
	Hartigaltanal anon						

# Horticultural crop

# General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

• Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

Mandarin	Flowering to fruiting	•	Regular monitoring for trunk borer infestation should be carried out at timely interval
		•	Collection of infected dropped fruit and buried in to soil

Vegetables(cab bage,	Vegetative stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended
cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>
Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
			Livestock

#### **General Recommendations**

भाकुअनुप ICAR

- Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% 20% in the daily ration during winter season to meet the energy requirement of the animals
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

Poultry	<ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> <li>Regularly inspect the droppings of the poultry birds for any diseases symptom.</li> </ul>
Piggery	<ul> <li>As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm.</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry</li> </ul>
Fishery	<ul> <li>Feeds should be provided @ 3 % body weight per day.</li> <li>Take the advice of experts and information from mass media</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> <li>Well balanced feed fortified with vitamins and minerals should be provided.</li> </ul>



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Kohima District

**Bulletin No:101/2016** 

Weather sur	mmary of the prece	ding week	Weather forecast valid upto 25 <sup>th</sup> Dec'16				
<sup>0</sup> C to 26 <sup>0</sup> C and • Relative humid	ed the past week minimum temperat 8°C to 10°C, respec ity varied from 33% ged from 1 to 2 km	tively. to 94%.	<ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 22°C - 23°C and the min temp 7°C to 8°C</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 40% to 93%.</li> <li>Wind speed may reach upto 2- 4 kmph Wind direction will be mostly easterly</li> </ul>				
Main Crops Stage Pest/ Diseases		Pest/ Diseases	Agro-meteorological Advisories				
		Diseases					

Field crops

# General Recommendations

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage	<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage	Provide mulching to conserve moisture

# Horticultural crop

## General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Decide 101 p	ebts and albeabes re	guiaity and come	act the	ioeur ugrieureirur office for uuviee on oest control meusures.	
Mandarin	Flowering to		•	Regular monitoring for trunk borer infestation should be carried	
	fruiting			out at timely interval	
			•	Collection of infected dropped fruit and buried in to soil	

	Vegetables(cab bage,	Vegetative stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>					
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>					
	Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>					
	<ul> <li>Livestock</li> <li>General Recommendations</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>								
	Poultry <ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> <li>Regularly inspect the droppings of the poultry birds for any diseases symptom.</li> </ul>								
	Piggery	<ul> <li>As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm.</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry</li> </ul>							
Fishery       • Feeds should be provided @ 3 % body weight per day.         • Take the advice of experts and information from mass media         • Application of fish feed (mustard oil cake) is essential for achieving higher yield         • Well balanced feed fortified with vitamins and minerals should be provided.				nd information from mass media tard oil cake) is essential for achieving higher yield					

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# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Longleng District

**Bulletin No:101/2016** 

Weather summary of the preceding week		eg week	Weather forecast valid upto 25 <sup>th</sup> Dec'16
<ul> <li>No rain occurred</li> </ul>	d the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>
• Maximum and	minimum temperatures	ranged 11 <sup>0</sup> C	• Max temp is likely to be $23^{\circ}$ C - $24^{\circ}$ C and the min temp $7^{\circ}$ C to $9^{\circ}$ C
to $25^{\circ}$ C and $4^{\circ}$ C	to $7^{0}$ C, respectively.		Sky is likely to be clear the coming week
<ul> <li>Relative humidi</li> </ul>	ty varied from 28% to 9	5%.	• <b>Relative Humidity</b> is likely to range from 41% to 92%.
• Wind speed rang	ged from 1 to 2 kmph		• Wind speed may reach upto 2- 3 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field arong

# Field crops

# General Recommendations

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage	<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage	Provide mulching to conserve moisture

# Horticultural crop

# General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

L	0		0
Mandarin	Flowering to fruiting	•	Regular monitoring for trunk borer infestation should be carried
			out at timely interval

				• Collection of infected dropped fruit and buried in to soil				
	Vegetables(cab bage,	Vegetative stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>				
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>				
	Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>				
	<ul> <li>General Recommendations</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>							
	<ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> <li>Regularly inspect the droppings of the poultry birds for any diseases symptom.</li> </ul>							
	Piggery							
HEP 3HILL ICAR	Fishery	<ul> <li>Feeds should be provided @ 3 % body weight per day.</li> <li>Take the advice of experts and information from mass media</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> <li>Well balanced feed fortified with vitamins and minerals should be provided.</li> </ul>						



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Mokokchung District

Bulletin No: 101/2016

	Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> Dec'16		
	No rain occurr	ed the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>		
• Maximum and minimum temperatures ranged		atures ranged	• Max temp is likely to be 23 <sup>o</sup> C - 24 <sup>o</sup> C and the min temp 8 <sup>o</sup> C to 9 <sup>o</sup> C			
$24^{\circ}$ C to $26^{\circ}$ C and $7^{\circ}$ C to $9^{\circ}$ C, respectively.		tively.	Sky is likely to be clear the coming week			
	• Relative humidity varied from 30% to 95%.		o 95%.	Relative Humidity is likely to range from 37% to 91%.		
	• Wind speed ranged from 1 to 2 kmph		ı	• Wind speed may reach upto 1- 2 kmph		
				Wind direction will be mostly southeasterly		
	Main Crops	Stage	Pest/	Agro-meteorological Advisories		
			Diseases			
				Field arong		

#### Field crops

#### **General Recommendations**

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage		Provide mulching to conserve moisture

# Horticultural crop

#### General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Mandarin	Flowering to fruiting	•	Regular monitoring for trunk borer infestation should be carried out at timely interval
		•	Collection of infected dropped fruit and buried in to soil

Vegetables(cab bage,	Vegetative stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended
cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>
Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>

#### Livestock

## General Recommendations

- Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% 20% in the daily ration during winter season to meet the energy requirement of the animals
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

	Poultry	<ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways</li> </ul>
		to avoid infectious disease in poultry.
		• Regularly inspect the droppings of the poultry birds for any diseases symptom.
	Piggery	• As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm.
		• Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry
A-HU	Fishery	• Feeds should be provided @ 3 % body weight per day.
		• Take the advice of experts and information from mass media
		• Application of fish feed (mustard oil cake) is essential for achieving higher yield
भाकुंअनुष ICAR		• Well balanced feed fortified with vitamins and minerals should be provided.



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Mon District

#### **Bulletin No:101/2016**

Weather sum	amary of the preced	ling week	Weather forecast valid upto 25 <sup>th</sup> Dec'16
• No rain occurre	d the past week		Probability of no rain the coming week.
			• Max temp is likely to be $22^{\circ}$ C - $24^{\circ}$ C and the min temp $5^{\circ}$ C to $6^{\circ}$ C
$24^{\circ}$ C to $25^{\circ}$ C and $4^{\circ}$ C to $7^{\circ}$ C, respectively.			Sky is likely to be clear the coming week
Relative humidity varied from 26% to 92%			Relative Humidity is likely to range from 38% to 92%.
• Wind speed ranged from 1 to 2 kmph			Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	

# Field crops

# General Recommendations

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage	• Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.
		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Vegetative stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage	Provide mulching to conserve moisture
		Hantienstand anon

# Horticultural crop

# General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Mandarin	Flowering to fruiting	•	Regular monitoring for trunk borer infestation should be carried out at timely interval
		•	Collection of infected dropped fruit and buried in to soil

	Vegetables(cabb	Vegetative		• Give light irrigation on every alternate day for proper growth of			
	age,	stage		the plant mulching recommended			
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>			
	Pea	Vegetative stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.			
				• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.			
	Tomato/ chilli	Flowering		Removed the infected leaves/ plant at timely interval			
		stage		• Maintain an even moisture supply of water.			
	<ul> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>						
	Poultry	• Diseased a best ways t	nd dead birds si o avoid infectiou	lean drinking water. hould be immediately removed. Good management and sanitation are the s disease in poultry. ings of the poultry birds for any diseases symptom.			
	Piggery	• As the wea keep warm.	ther gets colder,	your pigs' energy requirement will increase, as they need more energy to on) @ 10mg/33kg body wt for skin infection and keep the floor dry			
H-H/	Fishery	• Feeds shou	ld be provided @	3 % body weight per day.			
		• Take the ad	lvice of experts a	nd information from mass media			
		• Application	n of fish feed (mu	stard oil cake) is essential for achieving higher yield			
भाकुअनुष ICAR		• Well baland	ced feed fortified	with vitamins and minerals should be provided.			



# **Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16** Peren District

			Bulletin No:101/2016
Weather sun	nmary of the preced	ling week	Weather forecast valid upto 25 <sup>th</sup> Dec'16
26 <sup>°</sup> C to 27 <sup>°</sup> C an • Relative humid	ed the past week minimum temper ad 8 <sup>0</sup> C to 11 <sup>0</sup> C, resp ity varied from 34% ged from 1 to 2 km	bectively. to 95%.	<ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 23°C - 25°C and the min temp 7°C to 9°C</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 41% to 95%.</li> <li>Wind speed may reach upto 2- 4 kmph Wind direction will be mostly easterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
General Recor			Field crops
Timing of machiner	f irrigation - rather y especially where t	ate afternoon o here are water	p other vegetative rests on the land because that will reduce evaporation. or early evening to reduce evaporation. Check and repair all tools and leaks event evaporation losses.
TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage		Provide mulching to conserve moisture
linseed/lentil	Vegetative stage		• Soil moisture conservation techniques like mulching with crop residue is recommended
			Horticultural crop

### **General Recommendations**

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

	Mandarin	Flowering to		• Regular monitoring for trunk borer infestation should be carried out		
		fruiting		at timely interval		
				• Collection of infected dropped fruit and buried in to soil		
	Vegetables(cab	Vegetative		• Give light irrigation on every alternate day for proper growth of the		
	bage,	stage		plant mulching recommended		
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>		
	Pea	Vegetative stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.		
				• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.		
	Tomato/ chilli	Vegetative		Maintain an even moisture supply of water.		
		stage		Spray 5% neem seed kernel extract to kill early stages larvae.		
				Livestock		
	- 20% in t	hould be given min he daily ration duri	ng winter seaso	long with salt regularly and wheat grains, jaggery etc. may be provided @ 10% on to meet the energy requirement of the animals eed to all livestock and poultry.		
	Poultry	• Provide amp	ole quantity of	clean drinking water.		
		ways to avo	id infectious di	hould be immediately removed. Good management and sanitation are the best isease in poultry.		
	Piggery	Regularly inspect the droppings of the poultry birds for any diseases symptom.				
H W	1 18801 9		ner geis colde	r, your pigs' energy requirement will increase, as they need more energy to		
		<ul> <li>keep warm.</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry</li> </ul>				
	Fishery			@ 3 % body weight per day.		
भाकुअनुप ICAR	1 <sup>t</sup> ishery		•			
			· -	and information from mass media		
				ustard oil cake) is essential for achieving higher yield		
		• Well balanc	ed feed fortifie	d with vitamins and minerals should be provided.		



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16 Phek District

Bulletin No:101/2016

	Weather summary of the preceding week		eding week	Weather forecast valid upto 25 <sup>th</sup> Dec'16		
Ī		urred the past weel		Probability of no rain the coming week.		
				• Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $7^{\circ}$ C to $8^{\circ}$ C		
	ranged 24 <sup>0</sup> C	C to $25^{\circ}$ C and	$4^{0}$ C to $8^{0}$ C,	Sky is likely to be clear the coming week		
	respectively.			Relative Humidity is likely to range from 39% to 92%.		
		nidity varied from		• Wind speed may reach upto 2- 3 kmph		
	• Wind speed	ranged from 1 to 2	kmph	Wind direction will be mostly southeasterly		
	Main	Stage	Pest/	Agro-meteorological Advisories		
	Crops Diseases					
	Field crops					

#### General Recommendations

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

			1 1
TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage		Provide mulching to conserve moisture
			Hart cultured over

# Horticultural crop

# General Recommendations

- Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.
- Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

	Mandarin	Flowering to fruiting		<ul> <li>Regular monitoring for trunk borer infestation should be carried out at timely interval</li> <li>Collection of infected dropped fruit and buried in to soil</li> </ul>				
	Vegetables( cabbage,	Vegetative stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended				
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>				
	Pea	Vegetative stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.				
				• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.				
	<ul> <li>General Recommendations</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>							
	Poultry	• Diseased an to avoid infe	ed dead birds s ectious disease	clean drinking water. hould be immediately removed. Good management and sanitation are the best ways in poultry. pings of the poultry birds for any diseases symptom.				
	Piggery	• As the weak warm.	ther gets colde	er, your pigs' energy requirement will increase, as they need more energy to keep ion) @ 10mg/33kg body wt for skin infection and keep the floor dry				
	Fishery		•	@ 3 % body weight per day.				
			· ·	and information from mass media ustard oil cake) is essential for achieving higher yield				
भाक्रंअनुप ICAR		* *		d with vitamins and minerals should be provided.				



# **Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16** Tuensang District

**Bulletin No:101/2016** 

Weather summary of the preceding week		eding week	Weather forecast valid upto 25 <sup>th</sup> Dec'16			
•No rain occu	irred the past week		Probability of no rain the coming week.			
Maximum an	d minimum temper	ratures ranged	• Max temp is likely to be $18^{\circ}$ C - $19^{\circ}$ C and the min temp $1^{\circ}$ C to $4^{\circ}$ C			
$21^{\circ}$ C to $23^{\circ}$ C	and $4^{\circ}$ C to $8^{\circ}$ C, res	pectively.	Sky is likely to be clear the coming week			
Relative humination	idity varied from 25	5% to 94%.	Relative Humidity is likely to range from 36% to 92%.			
Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 2- 3 kmph			
			• Wind direction will be mostly southerly			
Main Crops	Stage	Pest/	Agro-meteorological Advisories			
Diseases						
Field crops						

# General Recommendations

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage		Provide mulching to conserve moisture
			Hout out of the star

# Horticultural crop

# General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

• Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

	1	<u> </u>		<u> </u>
Mandarin	Flowering to		•	Regular monitoring for trunk borer infestation should be carried out
	fruiting			at timely interval
			•	Collection of infected dropped fruit and buried in to soil

	Vegetables(c abbage, cauliflower)	Vegetative stage	Cabbage caterpillar	<ul> <li>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</li> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>		
	Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>		
				Livestock		
	<ul> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, 10% - 20% in the daily ration during winter season to meet the energy requirement of th</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul> <b>Poultry</b> <ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good manage ways to avoid infectious disease in poultry.</li> </ul>			feed to all livestock and poultry. ean drinking water. puld be immediately removed. Good management and sanitation are the best ase in poultry.		
	Regularly inspect the droppings of the poultry birds for any diseases symptom.					
	Piggery	warm.		your pigs' energy requirement will increase, as they need more energy to keep n) @ 10mg/33kg body wt for skin infection and keep the floor dry		
Higo 3rdii ICAR	Fishery	<ul> <li>Feeds should</li> <li>Take the advis</li> <li>Application of</li> </ul>	be provided @ ce of experts ar f fish feed (mus	3% body weight per day. ad information from mass media tard oil cake) is essential for achieving higher yield with vitamins and minerals should be provided.		



# Integrated Agromet Advisory Service Bulletin from 21st to 25th Dec'16 Wokha District

**Bulletin No:101/2016** 

Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> Dec'16	
No rain occur	red the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>	
	d minimum temper		• Max temp is likely to be $23^{\circ}$ C - $24^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C	
	and $8^{\circ}$ C to $10^{\circ}$ C, respe		Sky is likely to be clear the coming week	
• Relative humidity varied from 33% to 95%.			Relative Humidity is likely to range from 40% to 92%.	
• Wind speed ra	nged from 1 to 3 kmp	h	• Wind speed may reach upto 3- 4 kmph	
			Wind direction will be mostly southeasterly	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
Diseases				
Field crops				

#### **General Recommendations**

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

TRC/WRC paddy	Harvesting stage		• Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.		
			• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.		
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>		
Rabi maize	Vegetative stage		Provide mulching to conserve moisture		
Horticultural crop					

## **General Recommendations**

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

• Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

Mandarin	Flowering to	• Regular monitoring for trunk borer infestation should be carried
	fruiting	out at timely interval
		• Collection of infected dropped fruit and buried in to soil

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

	Vegetables(ca bbage,	Vegetative stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>				
	cauliflower)		Cabbage caterpillar	<ul> <li>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</li> <li>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</li> </ul>				
	Pea	Vegetative stage		<ul> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>				
	Livestock							
	<ul> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>							
	<ul> <li>Poultry         <ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> <li>Regularly inspect the droppings of the poultry birds for any diseases symptom.</li> </ul> </li> </ul>							
HIPSHUI	Piggery	<ul> <li>As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm.</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry</li> </ul>						
	Fishery	<ul> <li>Feeds should be provided @ 3 % body weight per day.</li> <li>Take the advice of experts and information from mass media</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>						
		• Well balanced f	eed fortified w	ith vitamins and minerals should be provided.				







# **Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Dec'16** Zunheboto District

**Bulletin No:101/2016** 

Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> Dec'16
<ul> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 24°C to 25°C and 8°C to 10°C, respectively.</li> <li>Relative humidity varied from 29% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 22°C - 23°C and the min temp 7°C to 8°C</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 38% to 95%.</li> <li>Wind speed may reach upto 2- 3 kmph Wind direction will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	

Field crops

## **General Recommendations**

- Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks
- Jalkund should be covered with thatch to prevent evaporation losses.

		1	L 1
TRC/WRC paddy	Harvesting stage		<ul> <li>Dry the paddy grains properly and regularly before storing to reduce storage insect pests and fungus.</li> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Vegetative stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Vegetative stage		Provide mulching to conserve moisture

# Horticultural crop

#### General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

• Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures.

Mandarin	Flowering to fruiting		• Regular monitoring for trunk borer infestation should be carried out at timely interval
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				• Collection of infected dropped fruit and buried in to soil			
	Vegetables( cabbage, cauliflower)	Vegetative stage Cabbage caterpillar		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended			
				• First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.			
				• Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)			
	Pea	Vegetative stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.			
				• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.			
	<ul> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>						
	Poultry	<ul> <li>Provide ample quantity of clean drinking water.</li> <li>Diseased and dead birds should be immediately removed. Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> </ul>					
		Regularly inspect the droppings of the poultry birds for any diseases symptom.					
	Piggery	<ul> <li>As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm.</li> <li>Provide Ivermectin (Injection) @ 10mg/33kg body wt for skin infection and keep the floor dry</li> </ul>					
	Fishery	<ul> <li>Feeds should be provided @ 3 % body weight per day.</li> </ul>					
H LOOM	·	• Take the advice of experts and information from mass media					
		• Application of fish feed (mustard oil cake) is essential for achieving higher yield					
		• Well balanced feed fortified with vitamins and minerals should be provided.					
भाकुअनुष ICAR							