

### Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Phek District

ŧ				Bulletin No:95/2015
	Weather su	mmary of the prec	eding week	Weather forecast valid upto 16 <sup>th</sup> Dec '15
		• No rain occurred the past week		Probability there will be no rain the coming week
		and minimum		Max temp is expected to be around $19^{\circ}$ C - $20^{\circ}$ C and min temp is expected to be
		C to $24^{\circ}$ C and	$8^{\circ}C$ to $9^{\circ}C$ ,	around $2^{\circ}$ C to $4^{\circ}$ C.
	respectively			Possibility of mainly clear sky the coming week
		nidity varied from		Relative Humidity will range from 36% to 96%
	• Wind speed	ranged from 1 to 2	kmph	The wind speed 2-4 kmph
		<u>a</u>		Wind direction will blow mostly from southeasterly
	Main	Stage	Pest/	Agro-meteorological Advisories
	Crops		Diseases	
	Field crops		1	
	Terrace/	Harvesting/		To reduce storage insect pests and fungus, paddy grains should be dried properly
	Wetland	Storage		and regularly before storing and it can also be mixed with neem leaves at the time of
	paddy			storage.
				Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
	Chickpea,	Vegetative		Carry out inter cultural operations to conserve soil moisture and control weeds.
	lentil,	U U		•
	linseed	stage		Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil
				temperature
	Mustard	Vegetative		Mulching should be done to conserve moisture. If moisture is a problem then light
	wiusiara	Ũ		irrigation should be given
		stage		
	Maize	Vegetative		Remove infected plants. Use bird scarer for the control of birds.
	-	stage		
		500.60		For rodent management, demolish the existing rodent burrows, use indigenous traps,
				bund trimming should be done to reduce rodent harbourage.
	Horticultural			
		weather condition,		ching in orchard crops.
	Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live
				branches more than once a year, so that the cycles of flushing are uniform and short.

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			Once the leaves harden, the pest will not be able to mine the leaves.			
	Cruciferous vegetables (cabbage, cauliflower)		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.			
			Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.			
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.			
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.			
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.			
	Poultry	<i>Extreme chill affect the egg production, increased the mortality and increase the bacterial and viral diseases.</i> <i>Increase the energy value of feed through oil and carbohydrates.</i>				
	Piggery	At birth, piglets are highly susceptible to cold and warmth should be provided for its survival and growth.				
HIEP STOLEN	Fishery	To be a successful fish farmer, take advice of experts and information from mass media from time to time. Fish culture cum cattle rearing / piggery / poultry etc. will give you maximum profit with minimum expenditure				



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#### **Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15** Tuensang District

Bulletin No:95/2015

			Bulletin No:95/2015
Weather su	ummary of the prece	ding week	Weather forecast valid upto 16 <sup>th</sup> Dec '15
•No rain occu	irred the past week		Probability there will be no rain the coming week
	nd minimum temper		Max temp is expected to be around $15^{\circ}$ C - $16^{\circ}$ C and min temp is expected to
$20^{0}$ C to $21^{0}$ C	$^{\circ}$ and $2^{\circ}$ C to $5^{\circ}$ C, resp	pectively.	be around $-1^{\circ}$ C to $1^{\circ}$ C.
Relative hum	idity varied from 56	% to 95%.	Possibility of mainly clear sky the coming week
• Wind speed	ranged from 1 to 2 k	mph	Relative humidity will range from 36% to 96%
- î	-	-	Wind speed 0-2 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Field crops			
Terrace/	Harvesting/		To reduce storage insect pests and fungus, paddy grains should be dried
Wetland	Storage		properly and regularly before storing and it can also be mixed with neem
paddy			leaves at the time of storage.
1			Bags should be clean, dried and well stitched to keep the risk of loss as low
			as possible right from the start
Chickpea,	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control
lentil,			weeds.
linseed			Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be
			done as it helps in conserving soil moisture, reduces weed problem and
			maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem
1,200,000,00	· · · · · · · · · · · · · · · · · · ·		then light irrigation should be given
14 .	<b>X</b> 7 ( (* )		
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds.
			For rodent management, demolish the existing rodent burrows, use
			indigenous traps, bund trimming should be done to reduce rodent
			harbourage.
Horticultural	crons		
	· · · · ·	dertake mulch	ing in orchard crops.
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid
C 111 115		Lour minor	pruning live branches more than once a year, so that the cycles of flushing
			proming into orangeness more than once a year, so that the eyeles of hushing

			are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves.
	Cruciferous vegetables (cabbage,		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.
	(cabbage, cauliflower)		Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.
	Poultry		the egg production, increased the mortality and increase the bacterial and viral diseases. value of feed through oil and carbohydrates.
	Piggery	At birth, piglets are i	highly susceptible to cold and warmth should be provided for its survival and growth.
HIEPSHEIL	Fishery		ish farmer, take advice of experts and information from mass media from time to time. Fish paring / piggery / poultry etc. will give you maximum profit with minimum expenditure



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## Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Wokha District

			Bulletin N0:95/2015
Weather s	ummary of the precedu	ing week	Weather forecast valid upto 16 <sup>th</sup> Dec '15
<ul> <li>Maximum ar 24°C to 25°C</li> <li>Relative humi</li> </ul>	rred the past week ad minimum tempera and 10 <sup>0</sup> C to 11 <sup>0</sup> C, resp dity varied from 51% t anged from 1 to 2 kmpl	ectively. o 95%.	Probability no rain will occur the coming week Max temp is expected to be around $21^{0}$ C - $22^{0}$ C and min temp is expected to be around $6^{0}$ C to $8^{0}$ C. Possibility of mainly clear sky the coming week Relative Humidity will range from 39% to 92% The wind speed 3- 4 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
T: 11			
Field crops Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds. For rodent management, demolish the existing rodent burrows, use indigenous traps, bund trimming should be done to reduce rodent harbourage.
<i>Horticultural c</i>	<i>rops</i> eather condition, under	take mulching	in orchard crops
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of

Piggery Fishery	Increase the energy value of feed through oil and carbohydrates.         At birth, piglets are highly susceptible to cold and warmth should be provided for its survival and growth.         To be a successful fish farmer, take advice of experts and information from mass media from time to time.         Fish culture cum cattle rearing / piggery / poultry etc. will give you maximum profit with minimum expenditure			
Poultry		tion, increased the mortality and increase the bacterial and viral diseases.		
Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.		
Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.		
Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.		
(cabbage, cauliflower)		Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.		
Cruciferous vegetables		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.		
		flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves.		







# Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Zunheboto District

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

			Bulletin No:95/2015
Weather st	ummary of the prec	eding week	Weather forecast valid upto 16 <sup>th</sup> Dec '15
<ul> <li>Maximum a 22°C to 24°C</li> <li>Relative hum</li> </ul>	nrred the past week nd minimum tempe C and $6^{0}$ C to $7^{0}$ C, res nidity varied from 5 ranged from 1 to 2 l	spectively. 1% to 94%.	Probability no rain the coming week Max temp is expected to be around $19^{\circ}$ C - $20^{\circ}$ C and min temp is expected to be around $4^{\circ}$ C to $5^{\circ}$ C. Possibility of clear sky the coming week Relative Humidity will range from 32% to 95% The wind speed 2-3 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds.For rodent management, demolish the existing rodent burrows, useindigenous traps, bund trimming should be done to reduce rodent harbourage.
Horticultural Due to cold		ndertake mulch	ing in orchard crops.
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine

			the leaves.	
	Cruciferous vegetables (cabbage, cauliflower)		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.	
			Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.	
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.	
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.	
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.	
	Poultry	<i>Extreme chill affect the egg production, increased the mortality and increase the bacterial and viral diseases.</i> <i>Increase the energy value of feed through oil and carbohydrates.</i>		
	Piggery	At birth, piglets are his	ghly susceptible to cold and warmth should be provided for its survival and growth.	
Hilibishein	Fishery		h farmer, take advice of experts and information from mass media from time to time. Fish ring / piggery / poultry etc. will give you maximum profit with minimum expenditure	



## Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Dimapur District

Bulletin No:95/2015

<ul> <li>Maximum and minimum temperatures ranged 26°C to 27°C and 14°C to 16°C, respectively.</li> <li>Relative humidity varied from 48% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			Weather forecast valid upto 16 <sup>th</sup> Dec '15	
			<ul> <li>Probability of no rain the coming week.</li> <li>The max temp is likely to be 23°C - 24°C and the min temp 9°C - 10°C.</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 42% to 94%</li> <li>Wind speed 2-4 kmph</li> <li>Wind direction will be mostly easterly</li> </ul>	
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories	
Field crops				
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with need leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as lo as possible right from the start	
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and contr weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha shou be done as it helps in conserving soil moisture, reduces weed problem ar maintain soil temperature	
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a proble then light irrigation should be given	
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds. For rodent management, demolish the existing rodent burrows, u indigenous traps, bund trimming should be done to reduce rode harbourage.	
<i>Horticultural c</i> Due to cold w	rops veather condition, und	ertake mulching		
Citrus	- -	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avo pruning live branches more than once a year, so that the cycles of flushing	

mine the leaves.

are uniform and short. Once the leaves harden, the pest will not be able to

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	Cruciferous vegetables (cabbage, cauliflower)		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained. Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.
	Poultry		egg production, increased the mortality and increase the bacterial and viral diseases. In the offeed through oil and carbohydrates.
	Piggery	At birth, piglets are hig	thly susceptible to cold and warmth should be provided for its survival and growth.
HID SHELL	Fishery		farmer, take advice of experts and information from mass media from time to time. Fish ing / piggery / poultry etc. will give you maximum profit with minimum expenditure



## Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Kiphire District

Bulletin No:95/2015

Weather summary of the preceding week			Weather forecast valid upto 16 <sup>th</sup> Dec '15	
	minimum tempera		Probability of no rain the coming week Max temp is expected to be around $17^{0}$ C - $18^{0}$ C and min temp is expected to be	
$21^{\circ}$ C to $23^{\circ}$ C and	nd $6^{0}$ C to $8^{0}$ C, respect	ively.	around $1^{\circ}$ C to $2^{\circ}$ C.	
	ity varied from 57% t		Possibility of partly cloudy sky the coming week	
• Wind speed ran	ged from 1 to 2 kmpł	1	Relative Humidity will range from 35% to 97%	
			The wind speed 2 kmph	
	<b>C</b> 4	<b>D</b> (/	Wind direction will blow mostly from southeasterly	
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories	
Field crops				
Terrace/	Harvesting/		To reduce storage insect pests and fungus, paddy grains should be dried properly	
Wetland paddy	Storage		and regularly before storing and it can also be mixed with neem leaves at the time of storage.	
			Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start	
Chickpea,	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds.	
lentil, linseed			Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature	
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given	
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds.	
			For rodent management, demolish the existing rodent burrows, use indigenous traps, bund trimming should be done to reduce rodent harbourage.	
<i>Horticultural cro</i> Due to cold wea	<b>ps</b> ather condition, under	rtake mulching	in orchard crops.	
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning	
			live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves.	
Cruciferous			As mainly dry weather is prevailing, irrigation should continue. Field sanitation	

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	vegetables (cabbage,		should be maintained.		
	cauliflower)		Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.		
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.		
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.		
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.		
	Poultry	<i>Extreme chill affect the egg production, increased the mortality and increase the bacterial and viral diseases.</i> <i>Increase the energy value of feed through oil and carbohydrates.</i>			
	Piggery	At birth, piglets are hig	hly susceptible to cold and warmth should be provided for its survival and growth.		
HIID 31-111 ICAR	Fishery		a farmer, take advice of experts and information from mass media from time to time. Fish ing / piggery / poultry etc. will give you maximum profit with minimum expenditure		



## Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Kohima District

Bulletin No:95/2015

	<ul> <li>Maximum and minimum temperatures ranged 24°C to 26°C and 8°C to 9°C, respectively.</li> <li>Relative humidity varied from 43% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			Weather forecast valid upto 16 <sup>th</sup> Dec '15
				Probability of no rain the coming week Max temp is expected to be around $21^{\circ}$ C - $22^{\circ}$ C and min temp is expected to be around $4^{\circ}$ C to $5^{\circ}$ C.
				Possibility of mainly clear sky the coming week Relative Humidity will range from 38% to 97% Wind speed 2-3 kmph Wind direction will be mostly southeasterly
	Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
-	Field crops			
	Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
	Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature
	Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
	Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds. For rodent management, demolish the existing rodent burrows, use indigenous traps, bund trimming should be done to reduce rodent harbourage.
	<i>Horticultural crops</i> Due to cold weather condition, undertake mulching in orchard crops.			
	Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing

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

				re uniform and short. Once the leaves harden, the pest will not be able to nine the leaves.
	Cruciferous vegetables (cabbage, cauliflower)			s mainly dry weather is prevailing, irrigation should continue. Field anitation should be maintained.
			A	pray with neem based pesticides against aphids and painted bugs. Iways use freshly prepared neem seed kernel extract (NSKE). Apply esticides only when required.
	Ginger	Harvesting stage	in	Tharvesting is to be done in an infested field, after the work is done nplements used like spade, dao, basket, fork etc must be thoroughly vashed before storing/ using in another field.
	Pea	Flowering stage		or vining varieties, provide climbing guide. egular monitoring should be done.
	Tomato	Vegetative stage		roper pruning and staking should be carried out so as better and large produced.
	Poultry			on, increased the mortality and increase the bacterial and viral diseases. ough oil and carbohydrates.
	Piggery	At birth, piglets are	highly susceptibl	e to cold and warmth should be provided for its survival and growth.
HIGP 3HILL ICAR	Fishery		· ·	advice of experts and information from mass media from time to time. piggery / poultry etc. will give you maximum profit with minimum



# Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Longleng District

Bulletin No:95/2015

			Bulletin No:95/2015	
Weather summary of the preceding week			Weather forecast valid upto 16 <sup>th</sup> Dec '15	
<ul> <li>Maximum and minimum temperatures ranged 24°C to 25°C and 7°C to 8°C, respectively.</li> <li>Relative humidity varied from 73% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			Probability of no rain the coming week Max temp is expected to be around $20^{\circ}\text{C}-21^{\circ}\text{C}$ and min temp is expected to be around $5^{\circ}\text{C}$ to $6^{\circ}\text{C}$ . Possibility of clear sky the coming week Relative Humidity will range from 39% to 94% The wind speed 1-2 kmph Wind direction will be mostly easterly	
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories	
Field crops				
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start	
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature	
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given	
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds.	
			For rodent management, demolish the existing rodent burrows, use indigenous traps, bund trimming should be done to reduce rodent harbourage.	
Horticultural crops Due to cold weather condition, undertake mulching in orchard crops.				
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid	

			pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves.
	Cruciferous vegetables (cabbage,		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.
	(cauliflower)		Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.
	Poultry		gg production, increased the mortality and increase the bacterial and viral diseases. e of feed through oil and carbohydrates.
	Piggery	At birth, piglets are highl	y susceptible to cold and warmth should be provided for its survival and growth.
HEP3HIL ICAR	Fishery		rmer, take advice of experts and information from mass media from time to time. Fish g / piggery / poultry etc. will give you maximum profit with minimum expenditure



## Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Mokokchung District

Bulletin No: 95/2015

			Builetin No: 95/2015
Weather summary of the preceding week			Weather forecast valid upto 16 <sup>th</sup> Dec '15
• Maximum and minimum temperatures ranged N			Probability no rain the coming week
			Max temp is expected to be around $20^{\circ}$ C - $21^{\circ}$ C and min temp is expected to be around $6^{\circ}$ C to $7^{\circ}$ C.
	lity varied from 51%		Possibility of mainly clear sky the coming week
	nged from 1 to 2 kmp		Relative Humidity will range from 40% to 95% and
1			Wind speed 2-4 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
E: II and a			
Field crops		T	
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
Chickpea,	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds.
lentil, linseed			Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds.
			For rodent management, demolish the existing rodent burrows, use indigenous
			traps, bund trimming should be done to reduce rodent harbourage.
<i>Horticultural cr</i> Due to cold we	ops ather condition, unde	rtake mulching	
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning
			live branches more than once a year, so that the cycles of flushing are uniform
			and short. Once the leaves harden, the pest will not be able to mine the leaves.

	Cruciferous vegetables (cabbage, cauliflower)		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained. Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.
	Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.
	Pea	Flowering stage	For vining varieties, provide climbing guide. Regular monitoring should be done.
	Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.
	Poultry		e egg production, increased the mortality and increase the bacterial and viral diseases. Ilue of feed through oil and carbohydrates.
	Piggery	At birth, piglets are hi	ghly susceptible to cold and warmth should be provided for its survival and growth.
8	Fishery		sh farmer, take advice of experts and information from mass media from time to time. Fish ring / piggery / poultry etc. will give you maximum profit with minimum expenditure

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### Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15 Mon District

Bulletin No:95/2015

Weather summary of the preceding week			Weather forecast valid upto 16 <sup>th</sup> Dec '15
<ul> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 22°C to 23°C and 5°C to 7°C, respectively.</li> <li>Relative humidity varied from 45% to 89%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul> <li>Probability of no rain the coming week.</li> <li>The max temp is likely to be 19°C - 20°C and the min temp 3°C - 4°C.</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 38% to 95%</li> <li>Wind speed may reach upto 1- 2 kmph</li> <li>Wind direction will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be drie properly and regularly before storing and it can also be mixed with neer leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and contra- weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem are maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds. For rodent management, demolish the existing rodent burrows, us indigenous traps, bund trimming should be done to reduce roden harbourage.
<i>Horticultural crops</i> Due to cold weather condition, undertake mulching in orchard crops.			
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to be ab

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Harvesting stage Flowering stage	<ul> <li>mine the leaves.</li> <li>As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.</li> <li>Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.</li> <li>If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.</li> </ul>	
stage	sanitation should be maintained. Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required. If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly	
stage	use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required. If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly	
stage	implements used like spade, dao, basket, fork etc must be thoroughly	
Flowering stage		
	For vining varieties, provide climbing guide. Regular monitoring should be done.	
Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.	
<i>Extreme chill affect the egg production, increased the mortality and increase the bacterial and viral diseases.</i> <i>Increase the energy value of feed through oil and carbohydrates.</i>		
At birth, piglets are highly suscept	tible to cold and warmth should be provided for its survival and growth.	
• • •	ake advice of experts and information from mass media from time to time. g / piggery / poultry etc. will give you maximum profit with minimum	
E. In A T	Extreme chill affect the egg produ acrease the energy value of feed t birth, piglets are highly suscep To be a successful fish farmer, the Tish culture cum cattle rearing	

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### **Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Dec'15** Peren District

			Bulletin No:95/2015
Weather sum	mary of the prece	ding week	Weather forecast valid upto 16 <sup>th</sup> Dec '15
<ul> <li>Maximum and 25°C to 26°C an</li> <li>Relative humidi</li> </ul>	<ul> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 25°C to 26°C and 11°C to 12°C, respectively.</li> <li>Relative humidity varied from 44% to 99%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>		Probability of no rain the coming week. Max temp is expected to be around 22 <sup>o</sup> C - 23 <sup>o</sup> C and min temp is expected to be around 7 <sup>o</sup> C to 8 <sup>o</sup> C. Possibility of clear sky the coming week Relative Humidity will range from 39% to 95% The wind speed 2-3 kmph Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Terrace/ Wetland paddy	Harvesting/ Storage		To reduce storage insect pests and fungus, paddy grains should be dried properly and regularly before storing and it can also be mixed with neem leaves at the time of storage. Bags should be clean, dried and well stitched to keep the risk of loss as low as possible right from the start
Chickpea, lentil, linseed	Vegetative stage		Carry out inter cultural operations to conserve soil moisture and control weeds. Mulching with available biomass (rice straw, weeds etc) at 5 t/ ha should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature
Mustard	Vegetative stage		Mulching should be done to conserve moisture. If moisture is a problem then light irrigation should be given
Maize	Vegetative stage		Remove infected plants. Use bird scarer for the control of birds. For rodent management, demolish the existing rodent burrows, use indigenous traps, bund trimming should be done to reduce rodent harbourage.
Horticultural cro		lertake mulchir	ng in orchard crops.
Citrus	-	Leaf miner	Citrus leaf miner moths are attracted to new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing

		are uniform and short. Once the leaves harden, the pest will not be able to
		mine the leaves.
Cruciferous vegetables (cabbage,		As mainly dry weather is prevailing, irrigation should continue. Field sanitation should be maintained.
cauliflower)		Spray with neem based pesticides against aphids and painted bugs. Always use freshly prepared neem seed kernel extract (NSKE). Apply pesticides only when required.
Ginger	Harvesting stage	If harvesting is to be done in an infested field, after the work is done implements used like spade, dao, basket, fork etc must be thoroughly washed before storing/ using in another field.
Pea	Flowering	For vining varieties, provide climbing guide.
	stage	Regular monitoring should be done.
Tomato	Vegetative stage	Proper pruning and staking should be carried out so as better and large tomatoes can be produced.
Poultry	00	e egg production, increased the mortality and increase the bacterial and viral diseases. lue of feed through oil and carbohydrates.
Piggery	At birth, piglets are hig	chly susceptible to cold and warmth should be provided for its survival and growth.
Fishery	To be a successful fish	farmer, take advice of experts and information from mass media from time to time. Fish
	culture cum cattle rear	ing / piggery / poultry etc. will give you maximum profit with minimum expenditure

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