

R RESEARCH COMPLEX FOR NEH REGION ICA

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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District: Champhai

Period: 30thJanuary-03rdFebruary, 2019

Bulletin No: - 849/2019/ Bulletin/English

Date of issue: 28thJanuary, 2019

Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019	
Rainfall (mm)	0	0	0	0	0	
Max Temp (°C)	26	26	27	26	27	
Min Temp (°C)	12	9	10	12	11	
Cloud Coverage	Mainly cloudy	Mainly clear	Clear sky	Clear sky	Clear sky	
Max RH (%)	98	90	88	89	90	
Min RH (%)	37	21	20	18	22	
Wind Speed (KmpH)	3.7	4.2	3.8	4.6	5.4	
*Wind Direction	S-E	E	E	S-E	E	
Northe	rly- N, North-E	asterly- <mark>N-E</mark> , Eas	sterly- E, South	-Easterly- <mark>S-E</mark> ,		
Souther	rly- <mark>S</mark> , South-W	esterly- <mark>S-W</mark> , We	sterly-W, North	-westerly- N-W.		
Weather summary	of the past	Weather forecast valid from 30 th January, 2019 To				
three day	s	03 rd February, 2019.				
Maximum Tem. (°C):1	Maximum Tem. (°C):14-18°C There is no chance of rainfall during the next 5 day			5 days. The		
Minimum Tem. (°C):0		maximum and minimum temperatures for the next 5 days				
Maximum RH (%):71-		nay range for	-		-	
Minimum RH (%):33-3	000/	humidity is expected in the range of 88-98% and minimum				
Wind Direction: Southeasterly		may from 18-37%. Wind direction would be southeasterly				
Cloud cover: Clear sk	'37					
Wind speed: 2.28 km	/ NT	to easterly to southeasterly and easterly with the wind				
		speed of 3.7-5.4 km per hour. Clear sky will prevail during				
Rainfall: 0.0 mm	t.	the next five days.				

Rainfall: 0.0 mm

		Weekly cumulative rainfall: 0.0 mm				
NDVI for Mizoram Dry condit			Dry condition occurs in all districts of			
			and an and the second se	Mizoram.		
Main Crop/	Stage	Cultur	al	Agricultural / Horticultural/ animal		
Animal	_	practices/	Pest/	husbandry advisories		
/Fisheries		Disease	es			
Cereals						

Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in



ICAR RESEARCH COMPLEX FOR NEH REGION



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage		upcoming 5 days and temperature will
	8		be high.
			Thinning must be done where more
	11	1 2	population was observed.
		5	 Irrigation should be provide 3 days
		KOLASIB	interval
	(6	Apply 2% urea solution for better
)	60 m)	115
	5	2 1	growth. 4 Weeding and earthing up should be
	5		carried out.
	1	CA	Leaf and stem cutter insect will be more
	MAMIT	1	so apply any contact poison for reducing
	1 0.000		pest population. Possibility of rain will be very less. So
Zero tillage	Vegetative	Zero tillage	provide water every alternate day.
greengram,	stage		 Weeding should be done.
blackgram,	((Collection and destruction of damage
toria and pea	S	1 5	plant or plant part and spraying of any
	1		systemic insecticide @ 2ml/lit should be
	105		done.
	12	SERGIN	
	5	SERCHI	condition.
Fruits	8		1 3
Citrus	Harvesting	Citrus Canker	4 Colour changes from green to pale green
	stage		or pale yellow or orange.
	6	W/2010 PEN	4 Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	5		🖊 Harvest all mature fruit.
		5	🔸 Purn all disease infected part.
		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
		P.V. A	or malathion 0.15 per cent suspension
		5765	containing sugar or jeggery at 10 g/l at
			fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative		 Possibility of rain will be very less. So
Suawbelly	-	Commences and Bar	provide water every alternate day.
	stage	LAWNGTLAN	A Describility to acquirmones of Dowdomy
		SAIH/	mildew will be high so apply any sulpher
			based fungicide to reduce disease
		to an a later	incidence.
LI		a N	
		1 4 6	2 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION



		0	4 Weeding should to do properly with
			proper fertilizer use.
Vegetable	A Residence of the local sector		
Tomato,	Vegetative	10	There is possibility of less rain in upcoming
crucifer, onion,	stage	2 3	5 days and temperature will be low.
brinjal and	land and	Con a mile	Earthing up soil near base of the plant.
chill		KOLASIB	+ Apply split dose of fertilizer.
	1	En S	4 Don't irrigate any crop.
	1	1 5 1	4 Staking should be done.
	2		Spray 2% any sulpher based
	1	2 5 1	fungicide to save vegetable plant to
		21	save from powdery mildew and white
	S PADIANT	(rust of mustard
Potato	Vegetative		4 Earthing up should be done near to the
	stage	AIZAWA-	plant for better growth of tubers and
	Stuge		avoid greening of tuber.
		1	+ According to forecast and past weather
	1	3 al	record, there is no probability of
	1		rainfall. So weekly twice irrigation is
	1 (C		required for upcoming week or use
	12		straw mulch reduces soil water loss.
	1	SERCH	+ Apply split dose of introgenous
		V La	fertilizer.
Animal Husban	dry 🔨	L.	I I
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		+ Provide preventive dose of anti-coccidia
		LUNGLEI	drugs to poultry.
	3	and distants	Proper ventilation of shed.
	1	0	+ Provide glucose/electral along with
	5	N ()	vitamin supplements (@5- 6ml/100
		1	birds) with adequate potable water
		My Real	Avoid overcrowding.
		c	4 Vaccination as per the schedule with
		1 -3 1	proper consultation with vet.
			> Day old chick: HVT Marek disease
		LAWNGTLAN	vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD
		- SAIH	vaccine, 35 days: F/Lasota, 6-7
		1 6	weeks: Chicken embryo adopted fowl
			pox vaccine and 56-70 days: RD R-
	1	a R	pox vacenie and ob ro days. RD R
			3 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION



		<u> </u>	OD stusiu
			2B strain.
Pig	All stages	KOLASIB	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under ver supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)
Fishery	1	Y	
	Monitoring of fish in pond		 dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying or bottom, applying lime, manure fertilizers etc. Fish needs to be monitored regularly to observe any sign of diseases and it disease is observed, consult expertimediately and water sample needs to be analyzed. Immediate measure of application or it.



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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District: Kolasib

Period: 30thJanuary-03rdFebruary, 2019

Bulletin No: - 849/2019/ Bulletin/English

Date of issue: 28thJanuary, 2019

	S	P	5			
Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019	
Rainfall (mm)	0	0	0	0	0	
Max Temp (°C)	24	25	27	26	27	
Min Temp (°C)	12	10	11	12	12	
Cloud Coverage	Mainly cloud	y Mainly clear	Clear sky	Clear sky	Clear sky	
Max RH (%)	96	90	89	85	86	
Min RH (%)	61	33	27	27	25	
Wind Speed (Kmp	H) 3	3.8	4	3.7	3.7	
*Wind Direction	S-E	S-E	S-E	S-E	S-E	
	therly- <mark>S</mark> , South-	-Easterly- N-E, Eas Westerly- S-W, We	sterly-W, North	· · · · · · · · · · · · · · · · · · ·	2019 70	
three	· ·	weather fore	03 rd Februar	· · · · · · · · · · · · · · · · · · ·	, 2017 10	
Maximum Tem. (⁰	v	There is no char			5 dava Tha	
Minimum Tem. (⁰ Maximum RH (%) Minimum RH (%) Wind Direction: S Cloud cover: Clea Wind speed: 2.45	:68-76% 28-38% outheasterly r sky	maximum and minimum temperatures for the next 5 days may range for 24-27°C and 10-12°C. Maximum relative humidity is expected in the range of 85-96% and minimum may from 27-61%. Wind direction would be southeasterly with the wind speed of 3.0-4.0 km per hour. Clear sky will prevail during the next five days.				
Rainfall: 0.0 mm		Weekly cumulative rainfall: 0.0 mm				
NDVI for Mizoram		The set is a set of the set of th				
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest Diseases		al / Horticultu sbandry adviso	-	
Cereals						
	(SAIMA)					

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Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage	production of the second secon	upcoming 5 days and temperature will
	8		be high.
			Thinning must be done where more
	11	1 2	population was observed.
		5	 Irrigation should be provide 3 days
		KOLASIB	interval
	6	6	Apply 2% urea solution for better
)	any is)	growth.
	S		Weeding and earthing up should be
	5	S La L	carried out.
		S. EA	Leaf and stem cutter insect will be more
	2		so apply any contact poison for reducing
	1 MAMIT		pest population.
Zero tillage	Vegetative	Zero tillage	Possibility of rain will be very less. So
greengram,	stage	Dero tinage	provide water every alternate day.
blackgram,	Stage	5	Weeding should be done.
	5.0	Sec. and	4 Collection and destruction of damage
toria and pea	1	1 55	plant or plant part and spraying of any
	2 0		systemic insecticide @ 2ml/lit should be
	12		done.
	0	SERCH	4 Apply 2% urea solution to avoid stress
	5	W7	condition.
Fruits	8		
Citrus	Harvesting	Citrus Canker	4 Colour changes from green to pale green
	stage		or pale yellow or orange.
	1	V Contraction of the	Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	5		+ Harvest all mature fruit.
	L.	5	→ Purn all disease infected part.
		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
			or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at
		1015	fortnightly intervals at flowering and fruit
		1 La Y	initiation.
Strawberry	Vegetative	1	Possibility of rain will be very less. So
J	stage	LANDING TO ALLON	provide water every alternate day.
		LAWNGTLAN	Describility to accurrence of Developy
		SAIH/	mildew will be high so apply any sulpher
			based fungicide to reduce disease
		1 2 - 1	incidence.
		C N N)
		1 4 6	2 P a g e



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			4 Weeding should to do properly with
			proper fertilizer use.
Vegetable		P A	
Tomato,	Vegetative	2	There is possibility of less rain in upcoming
crucifer, onion,	stage	2 3	5 days and temperature will be low.
brinjal and		Con a min	4 Earthing up soil near base of the plant.
chill		KOLASIB	4 Apply split dose of fertilizer.
	1	En S	4 Don't irrigate any crop.
	1	~~~ A 2	4 Staking should be done.
	2		Spray 2% any sulpher based
		2 5	fungicide to save vegetable plant to
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Potato	Vegetative		4 Earthing up should be done near to the
I otato	stage	AIZAWA	plant for better growth of tubers and
	stage		avoid greening of tuber.
)	1	4 According to forecast and past weather
	20	3 al	record, there is no probability o
	·); · · ·		rainfall. So weekly twice irrigation is
	2.0	~ 7	required for upcoming week or use
	1.1		straw mulch reduces soil water loss.
	8	SERCH	Apply split dose of nitrogenous
	1	V	fertilizer.
Animal Husban	dry		F
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		+ Provide preventive dose of anti-coccidia
-		LUNGLEI	drugs to poultry.
	2	the state of the s	Proper ventilation of shed.
	1	200	+ Provide glucose/electral along with
	5	N (***	vitamin supplements (@5- 6ml/100
		1	birds) with adequate potable water
		No se li	4 Avoid overcrowding.
		2 1 5 5 5	4 Vaccination as per the schedule with
		1 55 1	proper consultation with vet.
			Day old chick: HVT Marek disease
		LAWNGTLAL	vaccine, 4-7 days:¬ F/Lasota, 14-18
		- SAIH	days: Intermediate plus/IBD
			vaccine, 55 days. F/Lasota, 0-7
			weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-
		ARI	pox vaccine and 50-70 days: KD K-
		XXX /	3 P a g e
		-	511 age



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		-10-00	
		A	2B strain.
Pig	All stages	KOLASIB	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)
Fishery			
	Monitoring of fish in pond		 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc. Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. Immediate measure of application of lime and potassium permanganate @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish



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KVK, Mamit	:	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast receired from IMD, Guwahati)



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District: Lawngtlai

Period: 30thJanuary-03rdFebruary, 2019

Bulletin No: - 849/2019/ Bulletin/English

Date of issue: 28th January, 2019

		1. PC			
Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	26	24	26	25
Min Temp (°C)	11	13	12	13	12
Cloud Coverage	Partially clear	Mainly clear	Clear sky	Clear sky	Mainly clear
Max RH (%)	90	89	88	89	85
Min RH (%)	35	27	23	20	24
Wind Speed (KmpH)	3.8	4.2	3.8	3.8	4.1
*Wind Direction	N-E	E	E	E	N-E
	· · · ·	Casterly- <mark>N-E</mark> , Eas Vesterly- <mark>S-W</mark> , We	· · · · · · · · · · · · · · · · · · ·		
Weather summary			·	n 30 th January,	2019 To
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Maximum Tem. (°C): Minimum Tem. (°C):	18-22°C 7 09°-12°C 1	There is no chan naximum and m	ce of rainfall o inimum temp	luring the next eratures for the	e next 5 days
Maximum RH (%):64-78% Minimum RH (%):28-39% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.49 km/hr		may range for 24-26°C and 11-13°C. Maximum relative humidity is expected in the range of 85-90% and minimum may from 20-35%. Wind direction would be northeasterly to easterly and northeasterly with the wind speed of 4.0- 4.5 km per hour. Clear sky will prevail during the next five			
Rainfall: 0.0 mm		lays.	, j		
		Weekl		<mark>rainfall:</mark> 0.0 n	
NDVI for Mizoram			Dry conditi – Mizoram.	on occurs in a	ll districts of
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest, Diseases		al / Horticultu sbandry adviso	
Cereals					
		Lal	5		

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Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage	Production -	upcoming 5 days and temperature will
	8		be high.
			0
	2.1	1 3	Thinning must be done where more nonulation was absorved
		5	population was observed.
		KOLASIB	Irrigation should be provide 3 days interval
	(0.	
)	way in a	Apply 2% urea solution for better
	5	2 1	growth.
	5	Contraction of the second	Weeding and earthing up should be carried out.
	1	CA	Leaf and stem cutter insect will be more
	MAMIT	1	so apply any contact poison for reducing
	/ 102500.2	77	pest population.
Zero tillage	Vegetative	Zero tillage	Possibility of rain will be very less. So provide water every alternate day.
greengram,	stage		provide water every alternate day. Weeding should be done.
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toria and pea	S	1 55	plant or plant part and spraying of any
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Fruits	8		1 3
Citrus	Harvesting	Citrus Canker	4 Colour changes from green to pale green
	stage		or pale yellow or orange.
		WARNING STOL	4 Outer rind looks shiny and one can see
		LUNGLER	oil glands on the fruit.
	3		Harvest all mature fruit.
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		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
		21	or malathion 0.15 per cent suspension
		1 7 Col	containing sugar or jeggery at 10 g/l at
			fortnightly intervals at flowering and fruit
Stromborr	Vogototino		initiation. Possibility of rain will be very less. So
Strawberry	Vegetative	Lawrence and	provide water every alternate day.
	stage	LAWNGTLAN	A Describility to acquirrence of Devidery
) / SAIH	mildew will be high so apply any sulpher
		1 1	based fungicide to reduce disease
			incidence.
		127 6	
		N/ V /	2 P a g e



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			4 Weeding should to do properly with
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Vegetable		f in	
Tomato,	Vegetative		There is possibility of less rain in upcoming
crucifer, onion,	stage	2 3	5 days and temperature will be low.
brinjal and	1	KOLASIB	4 Earthing up soil near base of the plant.
chill	1	I NULKOID	↓ Apply split dose of fertilizer.
		AN N	Don't irrigate any crop.
	6	3 5 1	Staking should be done.
	2		Spray 2% any sulpher based
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		21 50	save from powdery mildew and white
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Potato	Vegetative		4 Earthing up should be done near to the
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		3 6 6	record, there is no probability o
			rainfall. So weekly twice irrigation is
	3.0		required for upcoming week or use
	12		straw mulch reduces soil water loss.
		SERCH	- inpply spine dobe of inclogenous
		V Land	fertilizer.
Animal Husbar	idry 🤇	L.	
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		Provide preventive dose of anti-coccidia
		LUNGLEI	drugs to poultry.
	3	eese of all better to the difference of the	Proper ventilation of shed.
		200.00	+ Provide glucose/electral along with
		W (***	vitamin supplements (@5- 6ml/100
		1	birds) with adequate potable water
		M Real	4 Avoid overcrowding.
			4 Vaccination as per the schedule with
		1 -3 1	proper consultation with vet.
			Day old chick: HVT Marek disease
		LAWNGTLAN	vaccine, 4-7 days: ¬F/Lasota, 14-18 days: Intermediate plus/IBE
		A SAIH	days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7
		1 1	weeks: Chicken embryo adopted fow
			pox vaccine and 56-70 days: RD R
			1
		A TO	F



ICAR RESEARCH COMPLEX FOR NEH REGION



		\mathcal{A}	2B strain.
Pig	All stages	KOLASIB	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)
Fishery			
	Monitoring of fish in pond		 dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc. Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. Immediate measure of application of the second second



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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District: Lunglei

Period: 30thJanuary-03rdFebruary, 2019

Bulletin	No: -	849	/2019/	Bulletin	/English
			1		0

Date of issue: 28thJanuary, 2019

Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019	
Rainfall (mm)	0	0	0	0	0	
Max Temp (°C)	26	26	26	25	26	
Min Temp (°C)	14	13	12	13	13	
Cloud Coverage	Partially clear	Mainly clear	Clear sky	Clear sky	Clear sky	
Max RH (%)	94	90	89	88	85	
Min RH (%)	37	24	22	20	25	
Wind Speed (KmpH)		4.2	3.9	4.2	4.4	
*Wind Direction	E	E	E	E	E	
		Easterly- N-E, Eas				
		Vesterly- <mark>S-W</mark> , We				
Weather summary	-	Weather fore		n 30 th January	, 2019 То	
three da			03 rd Februar			
Maximum Tem. (°C)		There is no char		0	2	
Minimum Tem. (°C)		maximum and n	ninimum temp	eratures for the	e next 5 days	
Maximum RH (%):64		may range for 2	$25-26^{\circ}C$ and \Box	12-14ºC. Maxir	num relative	
Minimum RH (%):29		humidity is expected in the range of 85-94% and minimum				
Wind Direction: Sou	theasterly	may from 20-37%. Wind direction would be easterly with				
Cloud cover: Clear s	ky	the wind speed of 3.9-4.2 km per hour. Clear sky will				
Wind speed: 2.14 ki	n/nr	prevail during the next five days.				
		prevan during the next live days.				
Rainfall: 0.0 mm		Weekly cumulative rainfall: 0.0 mm				
		Weekl				
NDVI for Mizoram		274100	2	on occurs in a	ll districts of	
			Mizoram.			
		C3.0				
		A				
		and the second s				
Main Crop/	Stage	Cultural	Agricultur	al / Horticultu	ral/animal	
Animal	<u> </u>	practices/ Pest		sbandry adviso	-	
/Fisheries		Diseases	nu	suality auvist	1168	
-		Diseases				
Cereals		1. JAN	1.4			
		1	-			
			(m)			
		106				



ICAR RESEARCH COMPLEX FOR NEH REGION



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage	Production -	upcoming 5 days and temperature will
			be high.
			Thinning must be done where more
	11	1 2	population was observed.
	1	5	1 1
		KOLASIB	Irrigation should be provide 3 days interval
	6	(Apply 2% urea solution for better
)	way is it	growth.
	S		Weeding and earthing up should be
	5	S L	carried out.
	1	C EA	Leaf and stem cutter insect will be more
	2		so apply any contact poison for reducing
	1 MAMIT		pest population.
Zero tillage	Vegetative	Zero tillage	Possibility of rain will be very less. So
greengram,	stage	Dero tinage	provide water every alternate day.
blackgram,	Stage	5	 Weeding should be done.
· · · · · · · · · · · · · · · · · · ·	1	Sec. and	4 Collection and destruction of damage
toria and pea	1	1 55	plant or plant part and spraying of any
	2 0	A 1 1	systemic insecticide @ 2ml/lit should be
	1 1		done.
	0	SERCH	↓ Apply 2% urea solution to avoid stress
		V	condition.
Fruits	6		1 7
Citrus	Harvesting	Citrus Canker	Colour changes from green to pale green
	stage	O	or pale yellow or orange.
	1	V Contraction (4 Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	1		+ Harvest all mature fruit.
	L.	5	+ Purn all disease infected part.
		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
		P.V. Star	or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at
		1016	fortnightly intervals at flowering and fruit
		1 La Y	initiation.
Strawberry	Vegetative	V. S. A.	+ Possibility of rain will be very less. So
,	stage	LI AMANG TE AL AN	provide water every alternate day.
	8-	LAWNGTLAN	1 Dossibility to occurrence of Dowdery
		SAIH)	mildew will be high so apply any sulpher
			based fungicide to reduce disease
		1.055	incidence.
		P N A	
			2 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



		0	4 Weeding should to do properly with
			proper fertilizer use.
Vegetable		F T	
Tomato,	Vegetative	1 P	There is possibility of less rain in upcoming
crucifer, onion,	stage	2 8	5 days and temperature will be low.
brinjal and		KOLASIB	4 Earthing up soil near base of the plant.
chill	1	1 monumente 2	Apply split dose of fertilizer.
)	LA.	🔸 Don't irrigate any crop.
		1 1 1	Staking should be done.
	1		Spray 2% any sulpher based
	1	2 21	fungicide to save vegetable plant to
			save from powdery mildew and white
	A MAMATE		rust of mustard
Potato	Vegetative	and the second s	4 Earthing up should be done near to the
	stage	AIZAWA_	plant for better growth of tubers and
		6	avoid greening of tuber.
	S	S	+ According to forecast and past weathe
	S.	1 5	record, there is no probability of
	0 6	~ 1 S ~	rainfall. So weekly twice irrigation i
	1		required for upcoming week or us straw mulch reduces soil water loss.
	0	SERCH	
		W-T	fertilizer.
Animal Husban	dry		leitinzei.
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	Discuse	Provide preventive dose of anti-coccidia
roundy	mi age group	(Contraction)	drugs to poultry.
	S	LUNGLER	Proper ventilation of shed.
	1		
		1.000	+ Provide glucose/electral along wit
		m 85	
	5	N	
		A. M	vitamin supplements (@5- 6ml/10 birds) with adequate potable water Avoid overcrowding.
		A.S	 vitamin supplements (@5- 6ml/10) birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with
		M	 vitamin supplements (@5- 6ml/10) birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet.
		M	 vitamin supplements (@5- 6ml/10) birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek diseas
		LAWNGTLAN	 vitamin supplements (@5- 6ml/10) birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek diseas vaccine, 4-7 days:- F/Lasota, 14-14
		LAWNGTLAY	 vitamin supplements (@5- 6ml/10) birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek diseas vaccine, 4-7 days:- F/Lasota, 14-16 days: Intermediate plus/IBI
		LAWINGTLAL	 birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: ¬ F/Lasota, 14-18 days: Intermediate plus/IBI vaccine, 35 days: F/Lasota, 6-7
			 vitamin supplements (@5- 6ml/100 birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: ¬F/Lasota, 14-18 days: Intermediate plus/IBI vaccine, 35 days: F/Lasota, 6-' weeks: Chicken embryo adopted fow
			 vitamin supplements (@5- 6ml/10 birds) with adequate potable water Avoid overcrowding. Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek diseas vaccine, 4-7 days:- F/Lasota, 14-1 days: Intermediate plus/IBI vaccine, 35 days: F/Lasota, 6-

3 | P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION



		-	OD stusin
			2B strain.
Pig	All stages	KOLASIB	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)
Fishery	1	S	
	Monitoring of fish in pond		 dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc. Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. Immediate measure of application of the second second



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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District: Mamit

Bulletin No: - 849/2019/ Bulletin/English

Date of issue: 28thJanuary, 2019

Period: 30th January-03rd February, 2019

	S 1	P	1			
Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019	
Rainfall (mm)	0	0	0	0	0	
Max Temp (°C)	25	26	25	26	26	
Min Temp (°C)	11	12	13	12	13	
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Mainly clear	Mainly clear	
Max RH (%)	97	91	89	88	85	
Min RH (%)	55	31	27	23	23	
Wind Speed (KmpH)	3.2	4.2	3.7	3.9	3.9	
*Wind Direction	E	E	E	S-E	E	
Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E,						
Southerly- <mark>S</mark> , South-Westerly- <mark>S-W</mark> , Westerly-W, North-westerly- N-W.						
Weather summary	of the past	Weather fore	cast valid from	n 30 th January	, 2019 To	
three day	S	03 rd February, 2019.				
Maximum Tem. (°C):2	22-24°C ′	There is no chance of rainfall during the next 5 days. The				
		03 rd February, 2019.				

There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 11-13°C. Maximum relative humidity is expected in the range of 85-97% and minimum may from 23-55%. Wind direction would be easterly to southeasterly and easterly with the wind speed of 3.2-4.2 km per hour. Clear sky will prevail during the next five days.

Rainfall: 0.0 mm

Minimum Tem. (°C):12°-14°C

Wind Direction: Southeasterly

Maximum RH (%):67-72%

Minimum RH (%):28-40%

Cloud cover: Clear sky

Wind speed: 2.51 km/hr

		Weekly cumulative rainfall: 0.0 mm				
NDVI for Mizoram		Parenth Land Region 29 Jane 2000	Dry condition occurs in all districts of Mizoram.			
Main Crop/ Animal /FisheriesStage		Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ anin husbandry advisories			
Cereals						

Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in



ICAR RESEARCH COMPLEX FOR NEH REGION



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage		upcoming 5 days and temperature will
	3		be high.
			Thinning must be done where more
	1.1	1 2	population was observed.
	1	5	
		KOLASIB	Irrigation should be provide 3 days interval
	(0	
)	way in a	Apply 2% urea solution for better
	S	2 1	growth.
	3		Weeding and earthing up should be carried out.
	1	C EA	Leaf and stem cutter insect will be more
	MAMIT		so apply any contact poison for reducing
	1. 10250.002	77	pest population.
Zero tillage	Vegetative	Zero tillage	Possibility of rain will be very less. So
greengram,	stage		provide water every alternate day. Weeding should be done.
blackgram,	1	(Collection and destruction of damage
toria and pea	S	1 55	0
	1		plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be
	10		done.
	12	ornout	
	5	SERCH	condition.
Fruits	1		1 3
Citrus	Harvesting	Citrus Canker	Colour changes from green to pale green
	stage		or pale yellow or orange.
		WARNING STOL	4 Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	3		🖊 Harvest all mature fruit.
		5	🔸 Purn all disease infected part.
		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
		21 1	or malathion 0.15 per cent suspension
		1 7 Col	containing sugar or jeggery at 10 g/l at
			fortnightly intervals at flowering and fruit
Stromborr	Vogototino		initiation. Possibility of rain will be very less. So
Strawberry	Vegetative	Lawrence and	provide water every alternate day.
	stage	LAWNGTLAN	Describility to accurrence of Develory
		/ SAIH/	mildew will be high so apply any sulpher
			based fungicide to reduce disease
			incidence.
		a rel	monution.
		N N N	2 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION



		0	4 Weeding should to do properly with
			proper fertilizer use.
Vegetable			
Tomato,	Vegetative	10	There is possibility of less rain in upcoming
crucifer, onion,	stage	2 3	5 days and temperature will be low.
brinjal and	land and	Cont a mile	Larthing up soil near base of the plant.
chill		KOLASIB	4 Apply split dose of fertilizer.
	1	En S	4 Don't irrigate any crop.
	1	~~~ A 2	4 Staking should be done.
	2		Spray 2% any sulpher based
	1	2 5 1	fungicide to save vegetable plant to
		21 54	save from powdery mildew and white
	S PADIANT	(rust of mustard
Potato	Vegetative		4 Earthing up should be done near to the
	stage	AIZAWA	plant for better growth of tubers and
	Stuge		avoid greening of tuber.
		1	According to forecast and past weather
		3 6 6	record, there is no probability of
			rainfall. So weekly twice irrigation is
	3.0		required for upcoming week or use
	12	1	straw mulch reduces soil water loss.
	1	SERCH	+ hpply split dose of introgenoue
		V La	fertilizer.
Animal Husban	dry 🤇	1	
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		+ Provide preventive dose of anti-coccidial
		LUNGLER	drugs to poultry.
	3	en el altra en la	+ Proper ventilation of shed.
		0	+ Provide glucose/electral along with
		W ()	vitamin supplements (@5- 6ml/100
		1	birds) with adequate potable water
		M R. H	Avoid overcrowding.
			4 Vaccination as per the schedule with
		1 -2 1	proper consultation with vet.
			Day old chick: HVT Marek disease vaccine, 4-7 days:- F/Lasota, 14-18
		LAWNGTLAL	days: Intermediate plus/IBD
		/ SAIH	vaccine, 35 days: F/Lasota, 6-7
		1 1	weeks: Chicken embryo adopted fowl
			pox vaccine and 56-70 days: RD R-
	1	201	
			3 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION



		A	2B strain.
Pig	All stages	KOLASIB	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)
Fishery			
	Monitoring of fish in pond		 dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc. Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. Immediate measure of application of the second second



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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KVK, Kolasib	:	Mr. Lalrosamga Khiangte He <mark>ad & Sr. S</mark> cientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	K	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



District: Saiha

Bulletin No: - 849/2019/ Bulletin/English

Date of issue: 28thJanuary, 2019

husbandry advisories

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Period: 30th January-03rd February, 2019

Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	27	26	28	27	29
Min Temp (°C)	12	13	11	13	12
Cloud Coverage	Mainly clear	Partially clear	Mainly clear	Mainly clear	Clear sky
Max RH (%)	92	90	88	89	85
Min RH (%)	30	21	19	15	25
Wind Speed (KmpH)	4.1	4.5	4.4	4.5	4.7
*Wind Direction	E	E	Е	Е	E
Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E,					
Souther	rly- <mark>S</mark> , South-We	esterly- <mark>S-W</mark> , We	sterly-W, North	-westerly- N-W.	

Weather summ	ary of the past	Weather foreca	ast valid from 30 th January, 2019 To
three	days		03 rd February, 2019.
Maximum Tem.	(°C):13-16°C	There is no chanc	e of rainfall during the next 5 days. The
Minimum Tem. (°C):04º-08ºC		nimum temperatures for the next 5 days
Maximum RH (%	•		-29°C and 11-13°C. Maximum relative
Minimum RH (%	•		ed in the range of 85-92% and minimum
Wind Direction:	• • • • • • • • • • • • • • • • • • •		. Wind direction would be easterly with
	Cloud cover: Clear sky		f 4.1-4.7 km per hour. Clear sky will
Wind speed: 2.16	5 km/hr	prevail during the	
		provan during the	
Rainfall: 0.0 mm	L	Weeklu	cumulative rainfall: 0.0 mm
NDVI for Mizora	am	North Levi Region 21 Jun 2018	Dry condition occurs in all districts of
	~~~~	52 =1	Mizoram.
Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal

practices/ Pest/

**Diseases** 

/Fisheries
Cereals

Animal

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### **ICAR RESEARCH COMPLEX FOR NEH REGION**



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage		upcoming 5 days and temperature will
			be high.
	1	1	<b>4</b> Thinning must be done where more
		2 3	population was observed.
	1 had	V CONTRACTOR 1	Irrigation should be provide 3 days
		KOLASIB	interval
	1	En S	Apply 2% urea solution for better
	1	W7 2 1	growth.
	2		<b>4</b> Weeding and earthing up should be
	)	5 6	carried out.
	(°	5 54	<b>4</b> Leaf and stem cutter insect will be more
	S	1	so apply any contact poison for reducing
	/ MAMIT	3	pest population.
Zero tillage	Vegetative	Zero tillage	+ Possibility of rain will be very less. So
greengram,	stage		provide water every alternate day.
blackgram,			<b>4</b> Weeding should be done.
toria and pea	200	a l	<b>4</b> Collection and destruction of damage
For the second s			plant or plant part and spraying of any
	20		systemic insecticide @ 2ml/lit should be
	1)		done.
	8	SERCH	
Dura i dan		V	condition.
Fruits			
Citrus	Harvesting	Citrus Canker	Colour changes from green to pale green
	stage		or pale yellow or orange.
		LUNGLEI	Outer rind looks shiny and one can see it along the facility
	2	No. of States and	oil glands on the fruit.
	1		<ul> <li>Harvest all mature fruit.</li> <li>Purn all disease infected part.</li> </ul>
	5	Fruit fly	<ul> <li>Full an disease infected part.</li> <li>In large gardens apply carbaryl 0.2 per cent</li> </ul>
		Fiult lly	or malathion 0.15 per cent suspension
			containing sugar or jeggery at 10 g/l at
		1 1 1 1	fortnightly intervals at flowering and fruit
			initiation.
Strawberry	Vegetative		Possibility of rain will be very less. So
	stage	LAWNGTLAN	provide water every alternate day.
		- SAIH	Possibility to occurrence of Powdery
		6	mildew will be high so apply any sulpher
			based fungicide to reduce disease
		1 5	incidence.
		N N N	2   P a g e
			211 age



**ICAR RESEARCH COMPLEX FOR NEH REGION** 



Vegetable       Tomato, crucifer, onion, brinjal and chill       Vegetative stage       There is possibility of less rain in upcoming 5 days and temperature will be low.         Earthing up soil near base of the plant.       Apply split dose of fertilizer.         Don't irrigate any crop.       Staking should be done.         Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard         Potato       Vegetative stage         Vegetative stage       Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber.         According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use straw mulch reduces soil water loss.         Animal Husbandry       Livestock       Stage       Disease       Precautionary Practices to be followed				
Vegetable       There is possibility of less rain in upcoming 5 days and temperature will be low.         brinjal and chill       Stage       There is possibility of less rain in upcoming 5 days and temperature will be low.         Potato       Vegetative stage       Staking should be done.         Potato       Vegetative stage       Staking should be done.         Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard         Potato       Vegetative stage       Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber.         According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use straw mulch reduces soil water loss.         Animal Husbandry       Livestock       Stage       Disease         Poultry       All age group       Procuto and overcrowding.       Procution as per the schedule with proper consultation with vet.         Poultry       All age group       Vaccination as per the schedule with proper consultation with vet.         Vaccination as per the schedule with proper consultation with vet.       Day of chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fow pox vaccine and 56-70 days: RD R				4 Weeding should to do properly with
Tomato, crucifer, onion, brinjal and chill       Vegetative stage       There is possibility of less rain in upcoming 5 days and temperature will be low.         Potato       Earthing up soil near base of the plant.       Apply split dose of fertilizer.         Potato       Vegetative stage       Staking should be done.         Spray       2% any sulpher based fungicide to save regetable plant to save from powdery mildew and white rust of mustard         Potato       Vegetative stage       Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber.         According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use straw mulch reduces soil water loss.         Animal Husbandry       Ivestock       Stage         Poultry       All age group       Disease         Provide preventive dose of anti-coccidial drugs to poultry.       Provide glucose/clectral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water         Vaccination as per the schedule with proper consultation with vet.       Day old chick: HVT Marek disease vaccine, 4-7 days: - F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fow pox vaccine and 56-70 days: RD R			and the second	proper fertilizer use.
crucifer, onion, brinjal and chill       stage       5 days and temperature will be low.         brinjal and chill       Earthing up soil near base of the plant.         Apply split dose of fertilizer.       Don't irrigate any crop.         Staking should be done.       Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard         Potato       Vegetative stage       4 Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber.         According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use straw mulch reduces soil water loss.         Apply split dose of nitrogenous fertilizer.         Animal Husbandry         Livestock       Stage         Poultry       All age group         All age group       4 Provide preventive dose of anti-coccidial drugs to poulty.         Provide preventive dose of anti-coccidial drugs to poulty.       9 Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water         Avoid overcrowding.       4 Vaccination as per the schedule with proper consultation with vet.         > Day old chick: HVT Marek disease vaccine, 4-7 days:- p/Lasota, 4-18 days: Intermediate plus/IBD vaccine, 35 days: P/Lasota, 6-7 weeks: Chicken embryo adopted forw pox vaccine and 56-70 days: RD Re	Vegetable		F T	
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vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-			LAWNGTLAL	5 1
weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-				· · · · · · · · · · · · · · · · · · ·
pox vaccine and 56-70 days: RD R-				vaccine, 55 days. r/Lasola, 0-7
3 Page			NA	pox vaccine and 50-70 days. KD K-
			N/N/	3   Page



**ICAR RESEARCH COMPLEX FOR NEH REGION** 



		J.	2B strain.
Pig	All stages	KOLASIB	<ul> <li>Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals.</li> <li>1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD.</li> <li>Reduce concentrate diet up to 5%.</li> <li>Provide adequate potable water.</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)</li> </ul>
Fishery			
	Monitoring of fish in pond		<ul> <li>Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding.</li> <li>Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish.</li> <li>Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.</li> <li>Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed.</li> <li>Immediate measure of application of lime and potassium permanganate @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish</li> </ul>



#### **ICAR RESEARCH COMPLEX FOR NEH REGION**

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



### **District:** Serchhip

Bulletin No: - 849/2019/ Bulletin/English

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Date of issue: 28thJanuary, 2019

Period: 30th January-03rd February, 2019

		10	3.0		
Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	27	26	25	26
Min Temp (°C)	12	12	12	12	12
Cloud Coverage	Mainly clear	Partially clear	Clear sky	Clear sky	Clear sky
Max RH (%)	98	90	89	88	89
Min RH (%)	38	23	20	20	25
Wind Speed (KmpH)	3.7	4.4	3.7	4.4	4.7
*Wind Direction	E	E	E	E	E
Northe	rly- N, North-E	asterly- <mark>N-E</mark> , Eas	sterly- <mark>E</mark> , South	-Easterly- <mark>S-E</mark> ,	

Southerly- S. South-Westerly- S-W. Westerly-W. North-westerly- N-W.

Southerry S, South	Southenry S, South-Westerry S-W, Westerry W, North-Westerry N-W.			
Weather summary of the past	Weather forecas	t valid from 30 th January, 2019 To		
three days	0	3 rd February, 2019.		
Maximum Tem. (°C):16-19°C	There is no chance	of rainfall during the next 5 days. The		
Minimum Tem. (°C):07°-09°C	maximum and mini	mum temperatures for the next 5 days		
Maximum RH (%):62-76%		-27°C and 12°C. Maximum relative		
Minimum RH (%):31-46%	humidity is expected in the range of 88-98% and minimum			
Wind Direction: Southeasterly		Wind direction would be easterly with		
Cloud cover: Clear sky		5		
Wind speed: 2.15 km/hr	-	3.7-4.4 km per hour. Clear sky will		
-	prevail during the ne	ext five days.		
Rainfall: 0.0 mm				
	Weekly cumulative rainfall: 0.0 mm			
NDVI for Mizoram	North Levi Region, 24 Jac. 3108	Dry condition occurs in all districts of		
	~~	5		

			Mizoram.
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			

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### **ICAR RESEARCH COMPLEX FOR NEH REGION**



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage	Production -	upcoming 5 days and temperature will
	8		be high.
			Thinning must be done where more
	1.1	1 2	population was observed.
		5	<ul> <li>Irrigation should be provide 3 days</li> </ul>
		KOLASIB	interval
	6	6.	Apply 2% urea solution for better
	1	wy is )	growth.
	S		Weeding and earthing up should be
	5	S La L	carried out.
		S. EA	Leaf and stem cutter insect will be more
	2		so apply any contact poison for reducing
	1 MAMIT		pest population.
Zero tillage	Vegetative	Zero tillage	Possibility of rain will be very less. So
greengram,	stage	Dere timege	provide water every alternate day.
blackgram,	Stage	5	Weeding should be done.
	5	Sec. and	<b>4</b> Collection and destruction of damage
toria and pea	1	1 55	plant or plant part and spraying of any
	2 0		systemic insecticide @ 2ml/lit should be
	12		done.
	0	SERCH	4 Apply 2% urea solution to avoid stress
	5	V	condition.
Fruits	6		
Citrus	Harvesting	Citrus Canker	<b>4</b> Colour changes from green to pale green
	stage	O	or pale yellow or orange.
	1	V/ Table Table	Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	5		+ Harvest all mature fruit.
	L.	5	+ Purn all disease infected part.
		Fruit fly	↓ In large gardens apply carbaryl 0.2 per cent
			or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at
		1015	fortnightly intervals at flowering and fruit
		1 La Y	initiation.
Strawberry	Vegetative		+ Possibility of rain will be very less. So
	stage	LAWNGTLAN	provide water every alternate day.
	8-		Describility to accurrence of Developy
		SAIH)	mildew will be high so apply any sulpher
			based fungicide to reduce disease
		1.055	incidence.
		P N A	
		1 4 6	2   P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



		0	4 Weeding should to do properly with
			proper fertilizer use.
Vegetable	1 million (1)		
Tomato,	Vegetative	1	There is possibility of less rain in upcoming
crucifer, onion,	stage	2 1	5 days and temperature will be low.
brinjal and		KOLASIB	<b>4</b> Earthing up soil near base of the plant.
chill	1	Controlle 2	Apply split dose of fertilizer.
	)	an N	Don't irrigate any crop.
	6	1 1 1	Staking should be done.
	1		Spray 2% any sulpher based
	f.	2 21	fungicide to save vegetable plant to
			save from powdery mildew and white
	AAAATT		rust of mustard
Potato	Vegetative		+ Earthing up should be done near to the
	stage	AIZAWI-	plant for better growth of tubers and
	1	1 C	avoid greening of tuber.
	1	S	According to forecast and past weathe
	1	1 55	record, there is no probability of
	2 6		rainfall. So weekly twice irrigation i
	12		required for upcoming week or us straw mulch reduces soil water loss.
		SERCH	
	5	V	fertilizer.
Animal Husban	drv		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		+ Provide preventive dose of anti-coccidia
		LUNGLER	drugs to poultry.
	2	EMMORES.	+ Proper ventilation of shed.
	1	100	+ Provide glucose/electral along with
	5	W. 200	vitamin supplements (@5- 6ml/10
		1	birds) with adequate potable water
		the set	4 Avoid overcrowding.
			<b>4</b> Vaccination as per the schedule with
		1 -3 1	proper consultation with vet.
			Day old chick: HVT Marek diseas
		LAWNGTLAUS	vaccine, 4-7 days: F/Lasota, 14-1 days: Intermediate plus/IBI
		/ SAIH	vaccine, 35 days: F/Lasota, 6-
		1 1	weeks: Chicken embryo adopted fow
			pox vaccine and 56-70 days: RD R
		201	pox vaccine and 56-70 days: RD R



**ICAR RESEARCH COMPLEX FOR NEH REGION** 



		5	2B strain.
Pig	All stages	KOLASIB	<ul> <li>Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals.</li> <li>1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD.</li> <li>Reduce concentrate diet up to 5%.</li> <li>Provide adequate potable water.</li> <li>In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs)</li> </ul>
Fishery			
	Monitoring of fish in pond		<ul> <li>dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish.</li> <li>Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.</li> <li>Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed.</li> <li>Immediate measure of application of the second second</li></ul>



#### **ICAR RESEARCH COMPLEX FOR NEH REGION**

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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R RESEARCH COMPLEX FOR NEH REGION ICA

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



**District: Aizawl** 

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Period: 30thJanuary-03rdFebruary, 2019

<mark>illetin No:</mark> - 849/2019	/ Bulletin/Engli	sh

Date of issue: 28thJanuary, 2019

Parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	25	26	27	27
Min Temp (°C)	12	10	11	11	13
Cloud Coverage	Mainly cloudy	Mainly clear	Clear sky	Clear sky	Clear sky
Max RH (%)	98	89	85	89	87
Min RH (%)	49	30	23	24	25
Wind Speed (KmpH)	3.2	4.2	3.9	4.2	4.4
*Wind Direction	E	E	S-E	S-E	S-E
Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E,					
Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W.					
Weather summary of the past Weather forecast valid from 30 th January, 2019 To					

weather summary of the past	weather forecast valid from 50-0anuary, 2019 10		
three days	03 rd February, 2019.		
Maximum Tem. (°C):16-18°C	There is no chance of rainfall during the next 5 days. The		
Minimum Tem. (°C):05°-09°C	maximum and minimum temperatures for the next 5 days		
Maximum RH (%):68-86%	may range for 26-27°C and 10-13°C. Maximum relative		
Minimum RH (%):41-52%	humidity is expected in the range of 85-98% and minimum		
Wind Direction: Southeasterly	may from 23-49%. Wind direction would be easterly to		
Cloud cover: Clear sky	southeasterly with the wind speed of 3.2-4.4 km per hour.		
Wind speed: 2.42 km/hr	Clear sky will prevail during the next five days.		
Rainfall: 0.0 mm	Weekly cumulative rainfall: 0.0 mm		

			······································			
<b>NDVI for Mizora</b>	m	Warth Levi Region, 21 Jun 201	Dry condition occurs in all districts of			
			– Mizoram.			
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories			
Cereals						



### **ICAR RESEARCH COMPLEX FOR NEH REGION**



Rabi Maize	Vegetative	Seed production	There is possibility of less rain in
	stage		upcoming 5 days and temperature will
	0		be high.
			Thinning must be done where more
	2.1	1 2	population was observed.
		5	
		KOLASIB	Irrigation should be provide 3 days interval
	(	(	Apply 2% urea solution for better
	)	way in a	115
	S	2 1	growth.
	5	Contraction of the second	Weeding and earthing up should be corrected out
	E.	( EA	carried out.
			Leaf and stem cutter insect will be more
	MAMIT		so apply any contact poison for reducing
		-	pest population.
Zero tillage	Vegetative	Zero tillage	+ Possibility of rain will be very less. So
greengram,	stage		provide water every alternate day.
blackgram,		(	<ul> <li>Weeding should be done.</li> <li>Collection and destruction of domage</li> </ul>
toria and pea		1 66	Collection and destruction of damage
			plant or plant part and spraying of any
	3 6		systemic insecticide @ 2ml/lit should be done.
	12		
	1	SERCH	Apply 2% urea solution to avoid stress condition.
Fruits	1		
Citrus	Harvesting	Citrus Canker	<b>4</b> Colour changes from green to pale green
	stage		or pale yellow or orange.
		00000000	<b>4</b> Outer rind looks shiny and one can see
		LUNGLEI	oil glands on the fruit.
	5		4 Harvest all mature fruit.
	1	500	4 Purn all disease infected part.
		Fruit fly	4 In large gardens apply carbaryl 0.2 per cent
			or malathion 0.15 per cent suspension
		MY Roll	containing sugar or jeggery at 10 g/l at
			fortnightly intervals at flowering and fruit
<u> </u>	<b>TT</b>	1 -2 1	initiation.
Strawberry	Vegetative		Possibility of rain will be very less. So
	stage	LAWNGTLAN	provide water every alternate day.
		J J SAIH	Possibility to occurrence of Powdery mildery will be high so apply any sulpher
		1 1	mildew will be high so apply any sulpher based fungicide to reduce disease
			based fungicide to reduce disease incidence.
		a real	
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**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



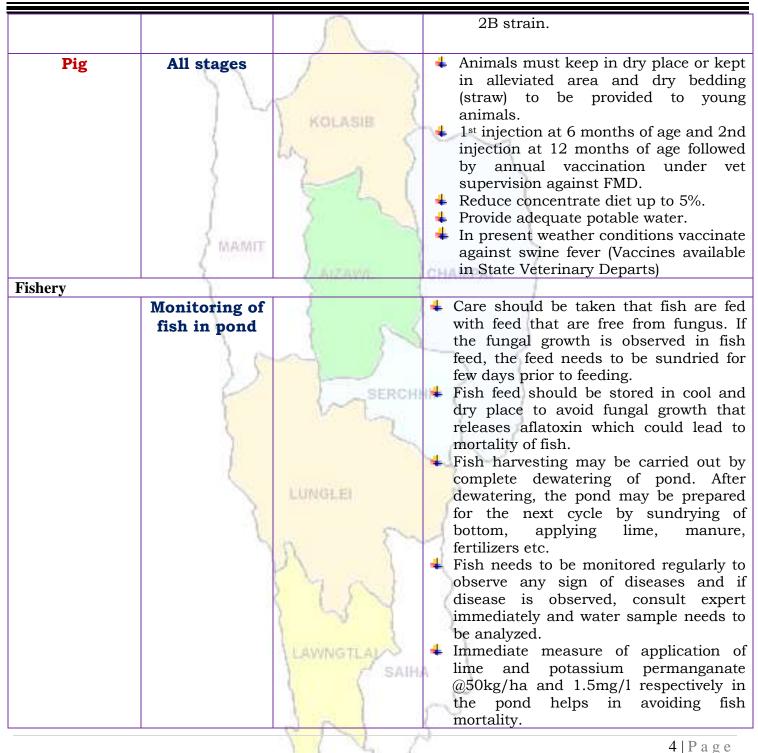
			<b>4</b> Weeding should to do properly with
			proper fertilizer use.
Vegetable	1	( )	
Tomato,	Vegetative	10	There is possibility of less rain in upcomin
crucifer, onion,	stage	2 3	5 days and temperature will be low.
brinjal and		KOLASIB	<b>4</b> Earthing up soil near base of the plant.
chill	-t-	1 Concentration of Concentration	Apply split dose of fertilizer.
	)	an i	Don't irrigate any crop.
	(	1 1	Staking should be done.
	3		Spray 2% any sulpher base
	E.	2 21	fungicide to save vegetable plant to
			save from powdery mildew and white
	MAMIT	1	rust of mustard
Potato	Vegetative	and the second second	Earthing up should be done near to th
	stage	A AIZAWA	plant for better growth of tubers an
	1	5	avoid greening of tuber.
	1	Sec. 10.10	According to forecast and past weather
	1	1 5	record, there is no probability of
	2 6	~ 1°	rainfall. So weekly twice irrigation irrequired for upcoming week or us
	20		straw mulch reduces soil water loss.
		SERCH	
	1	W L	fertilizer.
Animal Husban	drv		1. 7
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		<b>4</b> Provide preventive dose of anti-coccidia
		LUNGLET	drugs to poultry.
	2	PAUSALETEN I	Proper ventilation of shed.
	1	1996	+ Provide glucose/electral along wit
	5	- 15 M	vitamin supplements (@5- 6ml/10
		1	birds) with adequate potable water
		M AL	4 Avoid overcrowding.
			<b>4</b> Vaccination as per the schedule wit
		1 22 1	<ul> <li>proper consultation with vet.</li> <li>Day old chick: HVT Marek diseas</li> </ul>
			vaccine, 4-7 days:¬ F/Lasota, 14-1
		LAWNGTLAL	days: Intermediate plus/IBI
		SAIF	vaccine, 35 days: F/Lasota, 6-
		1 1	weeks: Chicken embryo adopted fow
		201	pox vaccine and 56-70 days: RD F

3 | P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 







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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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