



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Champhai

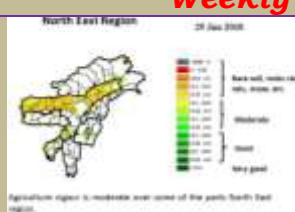
Period: 30thJanuary–03rdFebruary, 2019

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

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 three days		Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.	
Maximum Tem. (°C):14-18°C Minimum Tem. (°C):04°-08°C Maximum RH (%):71-84% Minimum RH (%):33-38% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.28 km/hr Rainfall: 0.0 mm		<p>There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 26-27°C and 9-12°C. Maximum relative humidity is expected in the range of 88-98% and minimum may from 18-37%. Wind direction would be southeasterly to easterly to southeasterly and easterly with the wind speed of 3.7-5.4 km per hour. Clear sky will prevail during the next five days.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>	
NDVI for Mizoram		 <p>Dry condition occurs in all districts of Mizoram.</p>	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Kolasib

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)	24	25	27	26	27
Min Temp (°C)	12	10	11	12	12
Cloud Coverage	Mainly cloudy	Mainly clear	Clear sky	Clear sky	Clear sky
Max RH (%)	96	90	89	85	86
Min RH (%)	61	33	27	27	25
Wind Speed (Kmph)	3	3.8	4	3.7	3.7
*Wind Direction	S-E	S-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 three days	Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.
Maximum Tem. (°C):20-22°C Minimum Tem. (°C):11°-12°C Maximum RH (%):68-76% Minimum RH (%):28-38% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.45 km/hr Rainfall: 0.0 mm	<p>There is no chance of rainfall during the next 5 days. The 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.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>

NDVI for Mizoram		Dry condition occurs in all districts of Mizoram.
------------------	--	---------------------------------------------------

Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
-------------------------------------	-------	------------------------------------------	--------------------------------------------------------------

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laitlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Lawngtlai

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)	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

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 three days		Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.	
Maximum Tem. (°C):18-22°C Minimum Tem. (°C):09°-12°C Maximum RH (%):64-78% Minimum RH (%):28-39% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.49 km/hr Rainfall: 0.0 mm		<p>There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days 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 days.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>	
NDVI for Mizoram		<p>Dry condition occurs in all districts of Mizoram.</p>	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Lunglei

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	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	4.2	3.9	4.2	4.4
*Wind Direction	E	E	E	E	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 three days

Maximum Tem. (°C):14-18°C
Minimum Tem. (°C):05°-09°C
Maximum RH (%):64-77%
Minimum RH (%):29-41%
Wind Direction: Southeasterly
Cloud cover: Clear sky
Wind speed: 2.14 km/hr

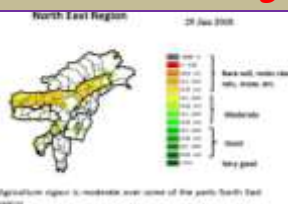
Rainfall: 0.0 mm

Weather forecast valid from 30thJanuary, 2019 To 03rdFebruary, 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 12-14°C. Maximum relative humidity is expected in the range of 85-94% and minimum may from 20-37%. Wind direction would be easterly with the wind speed of 3.9-4.2 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 0.0 mm

NDVI for Mizoram



Dry condition occurs in all districts of Mizoram.

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



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK		Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	:	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	:	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	:	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	:	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	:	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	:	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	:	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	:	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Mamit

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)	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- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

Weather summary of the past three days	Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.
Maximum Tem. (°C):22-24°C Minimum Tem. (°C):12°-14°C Maximum RH (%):67-72% Minimum RH (%):28-40% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.51 km/hr Rainfall: 0.0 mm	<p>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.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>

<div>NDVI for Mizoram</div>		<div> <div>North East Region</div> <div>29 Jan 2019</div> <div> <div>Very poor</div> <div>Poor</div> <div>Moderate</div> <div>Good</div> <div>Very good</div> </div> <div> <div>Base soil, water stress</div> <div>very, stress, dry</div> </div> <div>Agriculture region is moderate over most of the parts North East region.</div> </div>	<div>Dry condition occurs in all districts of Mizoram.</div>
<div>Main Crop/ Animal / Fisheries</div>	<div>Stage</div>	<div>Cultural practices/ Pest/ Diseases</div>	<div>Agricultural / Horticultural/ animal husbandry advisories</div>

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Saiha

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)	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	E	E	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 three days

Maximum Tem. (°C):13-16°C
Minimum Tem. (°C):04°-08°C
Maximum RH (%):60-78%
Minimum RH (%):29-39%
Wind Direction: Southeasterly
Cloud cover: Clear sky
Wind speed: 2.16 km/hr

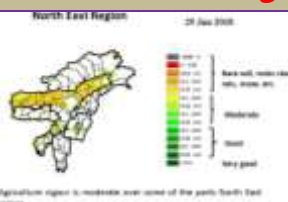
Rainfall: 0.0 mm

Weather forecast valid from 30thJanuary, 2019 To 03rdFebruary, 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 26-29°C and 11-13°C. Maximum relative humidity is expected in the range of 85-92% and minimum may from 15-30%. Wind direction would be easterly with the wind speed of 4.1-4.7 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 0.0 mm

NDVI for Mizoram



Dry condition occurs in all districts of Mizoram.

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



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulphur based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laitlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Serchhip

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	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

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 three days	Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.
Maximum Tem. (°C):16-19°C Minimum Tem. (°C):07°-09°C Maximum RH (%):62-76% Minimum RH (%):31-46% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.15 km/hr Rainfall: 0.0 mm	<p>There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-27°C and 12°C. Maximum relative humidity is expected in the range of 88-98% and minimum may from 20-38%. Wind direction would be easterly with the wind speed of 3.7-4.4 km per hour. Clear sky will prevail during the next five days.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>

NDVI for Mizoram	 North East Region 28 Jan 2019 Agriculture report is moderate over some of the parts North East region.	Dry condition occurs in all districts of Mizoram.
------------------	---------------------------------------------------------------------------------------------------------------	---------------------------------------------------

Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
-------------------------------------	-------	------------------------------------------	--------------------------------------------------------------

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulphur based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laltlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Aizawl

Period: 30thJanuary–03rdFebruary, 2019

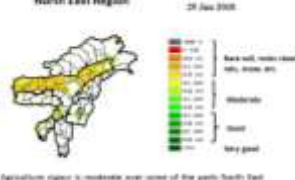
Bulletin No: - 849/2019/ Bulletin/English

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	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 three days	Weather forecast valid from 30 th January, 2019 To 03 rd February, 2019.
Maximum Tem. (°C):16-18°C Minimum Tem. (°C):05°-09°C Maximum RH (%):68-86% Minimum RH (%):41-52% Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 2.42 km/hr Rainfall: 0.0 mm	<p>There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 26-27°C and 10-13°C. Maximum relative humidity is expected in the range of 85-98% and minimum may from 23-49%. Wind direction would be easterly to southeasterly with the wind speed of 3.2-4.4 km per hour. Clear sky will prevail during the next five days.</p> <p>Weekly cumulative rainfall: 0.0 mm</p>

NDVI for Mizoram	
------------------	-------------------------------------------------------------------------------------

Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
-------------------------------------	-------	------------------------------------------	--------------------------------------------------------------

Cereals



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Rabi Maize	Vegetative stage	Seed production	<p>There is possibility of less rain in upcoming 5 days and temperature will be high.</p> <ul style="list-style-type: none"> ✚ Thinning must be done where more population was observed. ✚ Irrigation should be provide 3 days interval ✚ Apply 2% urea solution for better growth. ✚ Weeding and earthing up should be carried out. ✚ Leaf and stem cutter insect will be more so apply any contact poison for reducing pest population.
Zero tillage greengram, blackgram, toria and pea	Vegetative stage	Zero tillage	<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Weeding should be done. ✚ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should be done. ✚ Apply 2% urea solution to avoid stress condition.
Fruits			
Citrus	Harvesting stage	Citrus Canker	<ul style="list-style-type: none"> ✚ Colour changes from green to pale green or pale yellow or orange. ✚ Outer rind looks shiny and one can see oil glands on the fruit. ✚ Harvest all mature fruit. ✚ Purn all disease infected part.
		Fruit fly	<ul style="list-style-type: none"> ✚ 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 fortnightly intervals at flowering and fruit initiation.
Strawberry	Vegetative stage		<ul style="list-style-type: none"> ✚ Possibility of rain will be very less. So provide water every alternate day. ✚ Possibility to occurrence of Powdery mildew will be high so apply any sulphur based fungicide to reduce disease incidence.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			✚ Weeding should to do properly with proper fertilizer use.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Vegetative stage	KOLASIB	<p>There is possibility of less rain in upcoming 5 days and temperature will be low.</p> <ul style="list-style-type: none"> ✚ Earthing up soil near base of the plant. ✚ Apply split dose of fertilizer. ✚ Don't irrigate any crop. ✚ Staking should be done. <p>Spray 2% any sulpher based fungicide to save vegetable plant to save from powdery mildew and white rust of mustard</p>
Potato	Vegetative stage	AIZAWL	<ul style="list-style-type: none"> ✚ 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	Disease	Precautionary Practices to be followed
Poultry	All age group	LUNGLEI	<ul style="list-style-type: none"> ✚ Provide preventive dose of anti-coccidial drugs to poultry. ✚ Proper ventilation of shed. ✚ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ✚ Avoid overcrowding. ✚ Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ 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 fowl pox vaccine and 56-70 days: RD R-




GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			2B strain.
Pig	All stages		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> 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 mortality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



Expert committee members:

Dr. I. Shakuntala	:	Joint Director (I/C)	ishakuntala92@gmail.com
Dr. Saurav Saha	:	Scientist (Agril. Physics)	sauravs.saha@gmail.com
Dr. Lungmuana	:	Scientist (Soil Fertility)	lmsingson@gmail.com
Mr. P.L. Lalrinsanga	:	Scientist (Aquaculture)	viensky2@gmail.com
Dr. Dr. V. Dayal	:	Scientist (Horticulture)	Vishambhai5009@gmail.com
Dr. Samuel Lalliansanga	:	Head & Sr. Scientist	samuelpachua10@gmail.com
Mr. Samik Chowdhury	:	Technical Officer	samikchowdhury33@gmail.com
Mr. Evans Syiem	:	Meteorological Observer	evansmeteo@gmail.com

Collaborating Department:

Name of the KVK	Programme Coordinator Name and Designation	KVK Email Id	Phone no/ Mobile no
KVK Lunglei	Dr. Lalmuanzovi Head & Sr. Scientist	kvkhnahthial@gmail.com	9862803750 9436154614
KVK, Kolasib	Mr. Lalrosamga Khiangte Head & Sr. Scientist	kvkkolasib@gmail.com	9436152440
KVK, Serchhip	Mr. K. Laitlanmawia Head & Sr. Scientist	kvkserchhip@gmail.com	9436146115 9615389293
KVK, Champhai	Mrs. Lalrinawmi Renthlei Head & Sr. Scientist	kvkchawzawl@gmail.com	9436159788
KVK, Lawngtlai	Dr. Michel Lallawmkimi Head & Sr. Scientist	kvklawntlai@gmail.com	9436155858
KVK, Saiha	Dr. Vanlalhruaia Hnampe Head & Sr. Scientist	kvksaiha@gmail.com	8974656509
KVK, Mamit	Dr. Samuel Lalliansanga Head & Sr. Scientist	kvkmamit@gmail.com	9436147625
KVK, Aizawl	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669