



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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	3	0	2	0	3
Max Temp (°C)	35	34	34	35	33
Min Temp (°C)	22	22	22	23	23
Cloud Coverage	Mainly clear	Clear sky	Mainly clear	Clear sky	Mainly clear
Max RH (%)	82	86	91	93	96
Min RH (%)	27	30	34	33	37
Wind Speed (Kmph)	4	4	4	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):29-31°C
Minimum Tem. (°C):18°-19°C
Maximum RH (%):91-97%
Minimum RH (%):67-78%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 3.05 km/hr

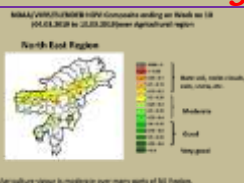
Rainfall: 06.5 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of light rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 33-35°C and 22-23°C. Maximum relative humidity is expected in the range of 82-96% and minimum may from 27-37%. Wind direction would be easterly with the wind speed of 4 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 08.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days
- ✚ Check of vaccination schedule in poultry/livestock.



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)



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Greengram and black gram	Sowing stage	LUNGLEI	➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Fruits			
Mandarin	After Harvesting/ transplanting stage	LAWNGTLAI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	Fruit fly	➤ Harvest all mature fruits. ➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent



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)



			suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	AIZAWL	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: Lawngtlai

Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	3	0	2	0	3
Max Temp (°C)	35	34	34	35	33
Min Temp (°C)	22	22	22	23	23
Cloud Coverage	Mainly clear	Clear sky	Mainly clear	Clear sky	Mainly clear
Max RH (%)	82	86	91	93	96
Min RH (%)	27	30	34	33	37
Wind Speed (Kmph)	4	4	4	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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):29-31°C Minimum Tem. (°C):18°-19°C Maximum RH (%):91-97% Minimum RH (%):67-78% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.05 km/hr Rainfall: 06.5 mm	Tun ni 3 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 33-35°C a ni ang a. A vawh lai ber in 22-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 82-96% leh a hniam lai berin 27-37% ni tur a rin niin. Thli hi darkar khatah 4 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 08.0 mm	
NDVI for Mizoram	 NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density. The map shows that the central and southern parts of Mizoram have higher NDVI values, indicating denser vegetation, while the northern parts have lower values.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Greengram and black gram	Chi tuh hun	LUNGLEI	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Thei			
Serthlum (Mandarin)	Seng tawh hnu/phunsawn hun	LAWNGTLA	➤ A chawr no/zik no paih bo tur. ➤ Khaw that tumin Phytophthora natna laka vennis Metalaxyl MZ 72@2.75g/lit emaw fosetyl A1@2.5g/lit fungicide chu a kung pumpui a kah chhuah vek tur a ni.
Strawberry	Seng hun	LAWNGTLA	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a



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)



			chhuah tirhin kar 2 danah zel spray tur a ni.
Thlai			
Mai /Um ei chi ho	Chi tuh hun	KOLASIB	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun		➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalmachhuana	:	Meteorological Observer	ac.pautu@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	kvkkhawzawl@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: 13thApril–17thApril, 2019

Bulletin No: - 870/2019/ Bulletin/English

Date of issue: 12th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	10	0	4	8	6
Max Temp (°C)	36	35	33	35	32
Min Temp (°C)	22	22	22	23	23
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	80	88	95	97	99
Min RH (%)	27	30	34	34	39
Wind Speed (Kmph)	2	4	2	2	2
*Wind Direction	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

Maximum Tem. (°C):27-28°C
Minimum Tem. (°C):16°-17°C
Maximum RH (%):91-97%
Minimum RH (%):64-78%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 3.24 km/hr

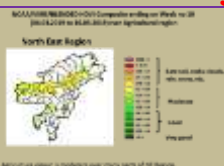
Rainfall: 10.4 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There is a chance of light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 32-36°C and 22-23°C. Maximum relative humidity is expected in the range of 80-99% and minimum may from 27-39%. Wind direction would be easterly to southeasterly to southerly to easterly and southeasterly with the wind speed of 2-4 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 28.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days
- ✚ Check of vaccination schedule in poultry/livestock.



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Fruits			
Strawberry	Harvesting stage	LUNGLEI	➤ Harvest all mature fruits. ➤ 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.
Kiwi	Pruning/ Training	LAWNGTLAI	➤ Diseased and senile branches should be removed. ➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering. ➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation□
Vegetable			



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)



Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage		➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage		➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow			✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	10	0	4	8	6
Max Temp (°C)	36	35	33	35	32
Min Temp (°C)	22	22	22	23	23
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	80	88	95	97	99
Min RH (%)	27	30	34	34	39
Wind Speed (Kmph)	2	4	2	2	2
*Wind Direction	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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):27-28°C Minimum Tem. (°C):16°-17°C Maximum RH (%):91-97% Minimum RH (%):64-78% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.24 km/hr	Tun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-36°C a ni ang a. A vawh lai ber in 22-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 80-99% leh a hniam lai berin 27-39% ni tur a rin niin. Thli hi darkar khatah 2-4 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 28.0 mm	
NDVI for Mizoram	Agriculture report is moderate over many parts of NE Region.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Thei			
Strawberry	Seng hun	LUNGLEI	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Kiwi	Pruning/ Training	LAWNGTLAI	➤ Natna kai leh a tang upa ho paih bo tur. ➤ Tha zawka a par theih nan a kung zar khat atangin a chawr no/tiak no 8-10 dah bang in a bak zawng hlawi thlak tur a ni. ➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □
Thlai			



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)



Mai /Um ei chi ho	Chi tuh hun		➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun	KOLASIB	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	AIZAWL	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	SERCHUK	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Bawng		LUNGLEI	✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril–21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	8	4	12	11	15
Max Temp (°C)	31	30	30	28	28
Min Temp (°C)	21	22	22	23	23
Cloud Coverage	Mainly clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	81	93	97	98	97
Min RH (%)	38	36	49	43	49
Wind Speed (Kmph)	4	4	5	4	4
*Wind Direction	S-E	S-E	S	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

Maximum Tem. (°C):30-32°C
Minimum Tem. (°C):20-22°C
Maximum RH (%):92-97%
Minimum RH (%):63-78%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 3.08 km/hr

Rainfall: 14.3 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of moderate to light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-31°C and 21-23°C. Maximum relative humidity is expected in the range of 81-98% and minimum may from 36-49%. Wind direction would be southeasterly to southerly and southeasterly with the wind speed of 4-5 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 50.0 mm

NDVI for Mizoram

NOAA/VIRS/BLENDED NDVI Composite ending on Week no 10 (04.03.2019 to 10.03.2019) over Agricultural region



Legend:
 Bare soil, rocks, clouds, paddy, etc.
 Moderate
 Good
 Very good

Agriculture vigour is moderate over many parts of NE Region.

A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days
- ✚ Check of vaccination schedule in poultry/livestock.



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)



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Greengram and black gram	Sowing stage	LUNGLEI	➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Fruits			
Mandarin	After Harvesting/ transplanting stage	LAWNGTLAI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	Fruit fly	➤ Harvest all mature fruits. ➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent



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)



			suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	AIZAWL	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	8	4	12	11	15
Max Temp (°C)	31	30	30	28	28
Min Temp (°C)	21	22	22	23	23
Cloud Coverage	Mainly clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	81	93	97	98	97
Min RH (%)	38	36	49	43	49
Wind Speed (Kmph)	4	4	5	4	4
*Wind Direction	S-E	S-E	S	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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):30-32°C Minimum Tem. (°C):20-22°C Maximum RH (%):92-97% Minimum RH (%):63-78% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.08 km/hr Rainfall: 14.3 mm	Tun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-31°C a ni ang a. A vawh lai ber in 21-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 81-98% leh a hniam lai berin 36-49% ni tur a rin niin. Thli hi darkar khatah 4-5 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 50.0 mm	
NDVI for Mizoram	 NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density and health. It is calculated using satellite data and is used to monitor changes in land cover and vegetation health over time.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Greengram and black gram	Chi tuh hun	LUNGLEI	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Thei			
Serthlum (Mandarin)	Seng tawh hnu/phunsawn hun		➤ A chawr no/zik no paih bo tur. ➤ Khaw that tumin Phytophthora natna laka vennis Metalaxyl MZ 72@2.75g/lit emaw fosetyl A1@2.5g/lit fungicide chu a kung pumpui a kah chhuah vek tur a ni.
Strawberry	Seng hun	LAWNGTLA	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a



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)



			chhuah tirhin kar 2 danah zel spray tur a ni.
Thlai			
Mai /Um ei chi ho	Chi tuh hun	KOLASIB	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun		➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalmachhuana	:	Meteorological Observer	ac.pautu@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	kvkkhawzawl@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	0	4	0	2	3
Max Temp (°C)	35	34	34	34	32
Min Temp (°C)	22	21	21	22	23
Cloud Coverage	Clear sky	Mainly clear	Mainly clear	Mainly clear	Partially clear
Max RH (%)	78	84	90	93	98
Min RH (%)	22	24	30	29	33
Wind Speed (Kmph)	2	2	2	2	2
*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):27-28°C
Minimum Tem. (°C):18°C
Maximum RH (%):89-95%
Minimum RH (%):55-71%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.84 km/hr

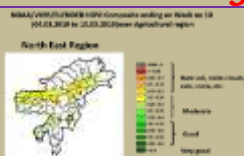
Rainfall: 08.2 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of light rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 32-35°C and 21-23°C. Maximum relative humidity is expected in the range of 78-98% and minimum may from 22-33%. Wind direction would be easterly with the wind speed of 2 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 09.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days
- ✚ Check of vaccination schedule in poultry/livestock.



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Fruits			
Strawberry	Harvesting stage	LUNGLEI	➤ Harvest all mature fruits. ➤ 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.
Kiwi	Pruning/ Training	LAWNGTLAI	➤ Diseased and senile branches should be removed. ➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering. ➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation□
Vegetable			



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)



Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage		➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage		➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow			✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	0	4	0	2	3
Max Temp (°C)	35	34	34	34	32
Min Temp (°C)	22	21	21	22	23
Cloud Coverage	Clear sky	Mainly clear	Mainly clear	Mainly clear	Partially clear
Max RH (%)	78	84	90	93	98
Min RH (%)	22	24	30	29	33
Wind Speed (Kmph)	2	2	2	2	2
*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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):27-28°C Minimum Tem. (°C):18°C Maximum RH (%):89-95% Minimum RH (%):55-71% Wind Direction: Southeasterly Cloud cover: Partially clear Wind speed: 2.84 km/hr Rainfall: 08.2 mm	Tun ni 3 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-35°C a ni ang a. A vawh lai ber in 21-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 78-98% leh a hniam lai berin 22-33% ni tur a rin niin. Thli hi darkar khatah 2 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 09.0 mm	
NDVI for Mizoram	 Very good Good Moderate Poor	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Thei			
Strawberry	Seng hun	LUNGLEI	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Kiwi	Pruning/ Training	LAWNGTLAI	➤ Natna kai leh a tang upa ho paih bo tur. ➤ Tha zawka a par theih nan a kung zar khat atangin a chawr no/tiak no 8-10 dah bang in a bak zawng hlawi thlak tur a ni. ➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □
Thlai			



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)



Mai /Um ei chi ho	Chi tuh hun		➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun	KOLASIB	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	AIZAWL	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	SERCHUK	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Bawng		LUNGLEI	✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: Serchhip

Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	2	0	2	4	7
Max Temp (°C)	36	35	34	34	32
Min Temp (°C)	21	21	22	22	22
Cloud Coverage	Mainly clear	Clear sky	Mainly clear	Partially clear	Partially clear
Max RH (%)	75	87	97	98	99
Min RH (%)	27	25	34	34	40
Wind Speed (Kmph)	2	2	2	2	2
*Wind Direction	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

Maximum Tem. (°C):28-29°C
Minimum Tem. (°C):17^o-18°C
Maximum RH (%):90-95%
Minimum RH (%):55-72%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.84 km/hr

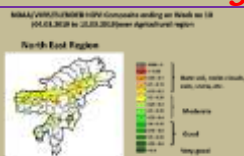
Rainfall: 10.2 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of light rainfall during the next 4 day. The maximum and minimum temperatures for the next 5 days may range for 32-36°C and 21-22°C. Maximum relative humidity is expected in the range of 75-99% and minimum may from 25-40%. Wind direction would be easterly to southeasterly to southerly to easterly and southeasterly with the wind speed of 2 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 15.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days
- ✚ Check of vaccination schedule in poultry/livestock.



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)



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Greengram and black gram	Sowing stage	LUNGLEI	➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Fruits			
Mandarin	After Harvesting/ transplanting stage	LAWNGTLAI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	Fruit fly	➤ Harvest all mature fruits. ➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent



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)



			suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	AIZAWL	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: Serchhip

Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	2	0	2	4	7
Max Temp (°C)	36	35	34	34	32
Min Temp (°C)	21	21	22	22	22
Cloud Coverage	Mainly clear	Clear sky	Mainly clear	Partially clear	Partially clear
Max RH (%)	75	87	97	98	99
Min RH (%)	27	25	34	34	40
Wind Speed (Kmph)	2	2	2	2	2
*Wind Direction	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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):28-29°C Minimum Tem. (°C):17°-18°C Maximum RH (%):90-95% Minimum RH (%):55-72% Wind Direction: Southeasterly Cloud cover: Partially clear Wind speed: 2.84 km/hr	Tun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-36°C a ni ang a. A vawh lai ber in 21-22°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 75-99% leh a hniam lai berin 25-40% ni tur a rin niin. Thli hi darkar khatah 2 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 15.0 mm	
NDVI for Mizoram	 NDVI (Normalized Difference Vegetation Index) is a measure of vegetation health and density. The map shows varying levels of vegetation across Mizoram, with higher values (yellow/green) indicating healthier vegetation and lower values (red/brown) indicating stressed or bare land.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Greengram and black gram	Chi tuh hun	LUNGLEI	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Thei			
Serthlum (Mandarin)	Seng tawh hnu/phunsawn hun	LAWNGTLA	➤ A chawr no/zik no paih bo tur. ➤ Khaw that tumin Phytophthora natna laka vennis Metalaxyl MZ 72@2.75g/lit emaw fosetyl A1@2.5g/lit fungicide chu a kung pumpui a kah chhuah vek tur a ni.
Strawberry	Seng hun	LAWNGTLA	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a



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)



			chhuah tirhin kar 2 danah zel spray tur a ni.
Thlai			
Mai /Um ei chi ho	Chi tuh hun	KOLASIB	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun		➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalmachhuana	:	Meteorological Observer	ac.pautu@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	kvkkhawzawl@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	5	4	12	11	15
Max Temp (°C)	33	32	32	30	30
Min Temp (°C)	15	16	17	17	17
Cloud Coverage	Mainly clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	79	93	97	98	97
Min RH (%)	35	30	47	41	47
Wind Speed (Kmph)	3	3	4	3	3
*Wind Direction	S-E	S-E	S	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

Maximum Tem. (°C):28-30°C
Minimum Tem. (°C):18-19°C
Maximum RH (%):91-96%
Minimum RH (%):68-81%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 3.67 km/hr

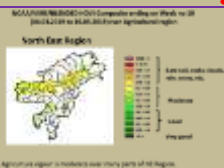
Rainfall: 12.4 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of moderate to light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-33°C and 15-17°C. Maximum relative humidity is expected in the range of 79-98% and minimum may from 30-47%. Wind direction would be southeasterly to southerly and southeasterly with the wind speed of 3-4 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 47.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days



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)



		✚ Check of vaccination schedule in poultry/livestock.	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB MAMIT AIZAWL	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL SERO LUNGLEI	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Greengram and black gram	Sowing stage	LUNGLEI	➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Fruits			
Mandarin	After Harvesting/ transplanting stage	LAWNGTLAI SAIHA	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/1 of water.
Strawberry	Harvesting stage		➤ Harvest all mature fruits. ➤ In large gardens apply carbaryl 0.2 per



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)



			cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	AIZAWL	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	5	4	12	11	15
Max Temp (°C)	33	32	32	30	30
Min Temp (°C)	15	16	17	17	17
Cloud Coverage	Mainly clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	79	93	97	98	97
Min RH (%)	35	30	47	41	47
Wind Speed (Kmph)	3	3	4	3	3
*Wind Direction	S-E	S-E	S	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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):28-30°C Minimum Tem. (°C):18°-19°C Maximum RH (%):91-96% Minimum RH (%):68-81% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.67 km/hr	Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-33°C a ni ang a. A vawh lai ber in 15-17°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 79-98% leh a hniam lai berin 30-47% ni tur a rin niin. Thli hi darkar khatah 3-4 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 47.0 mm	
NDVI for Mizoram	Agriculture report to moderate over many parts of NE Region.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Greengram and black gram	Chi tuh hun	LUNGLEI	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Thei			
Serthlum (Mandarin)	Seng tawh hnu/phunsawn hun	LAWNGTLA	➤ A chawr no/zik no paih bo tur. ➤ Khaw that tumin Phytophthora natna laka vennis Metalaxyl MZ 72@2.75g/lit emaw fosetyl A1@2.5g/lit fungicide chu a kung pumpui a kah chhuah vek tur a ni.
Strawberry	Seng hun	LAWNGTLA	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a



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)



			chhuah tirhin kar 2 danah zel spray tur a ni.
Thlai			
Mai /Um ei chi ho	Chi tuh hun	KOLASIB	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun		➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalmachhuana	:	Meteorological Observer	ac.pautu@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	kvkkhawzawl@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: Champhai

Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	0	9	5	8	10
Max Temp (°C)	35	34	32	31	31
Min Temp (°C)	20	20	21	22	22
Cloud Coverage	Clear sky	Clear sky	Partially clear	Partially clear	Partially clear
Max RH (%)	73	84	91	93	92
Min RH (%)	30	24	43	37	43
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	S-E	S	S-W	S	S

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):27-29°C
Minimum Tem. (°C):16-17°C
Maximum RH (%):91-97%
Minimum RH (%):67-82%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 3.08 km/hr

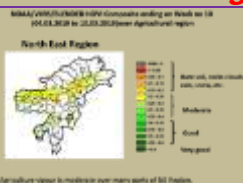
Rainfall: 08.6 mm

Weather forecast valid from 17thApril, 2019 To 21stApril, 2019.

There are chances of light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 31-35°C and 20-22°C. Maximum relative humidity is expected in the range of 73-93% and minimum may from 24-43%. Wind direction would be southeasterly to southerly to southwesterly and southerly with the wind speed of 3 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 32.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days



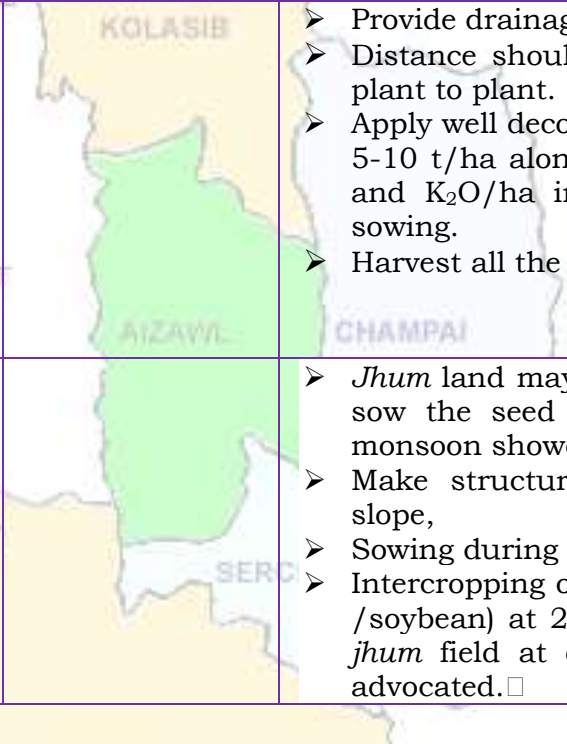
GRAMIN KRISHI MAUSAM SEWA

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



		✚ Check of vaccination schedule in poultry/livestock.	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage		➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing		➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Fruits			
Strawberry	Harvesting stage	Fruit fly	➤ Harvest all mature fruits. ➤ 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.
Kiwi	Pruning/ Training		➤ Diseased and senile branches should be removed. ➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering. ➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation□



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)



Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	MAMIT	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: Champhai

Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	0	9	5	8	10
Max Temp (°C)	35	34	32	31	31
Min Temp (°C)	20	20	21	22	22
Cloud Coverage	Clear sky	Clear sky	Partially clear	Partially clear	Partially clear
Max RH (%)	73	84	91	93	92
Min RH (%)	30	24	43	37	43
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	S-E	S	S-W	S	S

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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):27-29°C Minimum Tem. (°C):16°-17°C Maximum RH (%):91-97% Minimum RH (%):67-82% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.08 km/hr	Tun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 31-35°C a ni ang a. A vawh lai ber in 20-22°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 73-93% leh a hniam lai berin 24-43% ni tur a rin niin. Thli hi darkar khatah 3 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 32.0 mm	
NDVI for Mizoram	Agriculture report to moderate over many parts of NE Region.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Thei			
Strawberry	Seng hun	LUNGLEI	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Kiwi	Pruning/ Training	LAWNGTLAI	➤ Natna kai leh a tang upa ho paih bo tur. ➤ Tha zawka a par theih nan a kung zar khat atangin a chawr no/tiak no 8-10 dah bang in a bak zawng hlawi thlak tur a ni. ➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □
Thlai			



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)



Mai /Um ei chi ho	Chi tuh hun		➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun	KOLASIB	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	AIZAWL	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	SERCHUK	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Bawng		LUNGLEI	✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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

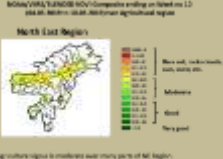
Period: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/English

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	10	15	7	8	12
Max Temp (°C)	32	30	30	30	29
Min Temp (°C)	21	21	22	22	22
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	79	94	97	97	96
Min RH (%)	39	31	56	43	49
Wind Speed (Kmph)	4	4	4	3	3
*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 17thApril, 2019 To 21stApril, 2019.	
Maximum Tem. (°C):29-31°C Minimum Tem. (°C):16°-17°C Maximum RH (%):94-95% Minimum RH (%):51-72% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.14 km/hr		There are chances of moderate to light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-32°C and 21-22°C. Maximum relative humidity is expected in the range of 79-96% and minimum may from 31-56%. Wind direction would be southeasterly with the wind speed of 3-4 km per hour. Partially clear sky will prevail during the next five days. Weekly cumulative rainfall: 52.0 mm	
Rainfall: 18.2 mm			
NDVI for Mizoram			A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.
General recommendations		Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers. ✚ Harvest all mature crops and proper sun dry for preservation of seed. ✚ Application of fertilizers/manure can be done during clear/dry days ✚ Check of vaccination schedule in poultry/livestock.	
Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal



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)



Animal / Fisheries		practices/ Pest/ Diseases	husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Jhum Rice	Land Preparation/ Sowing	AIZAWL	➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Make structures to avoid runoff in the slope, ➤ Sowing during clear/dry days ➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□
Greengram and black gram	Sowing stage	LUNGLEI	➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Fruits			
Mandarin	After Harvesting/ transplanting stage		➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	Fruit fly	➤ Harvest all mature fruits. ➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at



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)



			10 g/l at fortnightly intervals at flowering and fruit initiation.
Vegetable			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Sowing stage	KOLASIB	➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower. ➤ Use certified seeds should be use to produce good yield
Cowpea/ Bhindi	Sowing stage	MAMIT AIZAWL	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Cow		LUNGLEI	✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition. ✚ Full hand milking should be practiced. ✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Fishery			
	Pond renovation	Bacterial disease LAWNGTLAI SAIHA	✚ To avoid bacterial disease liming should be done @10kg/Bigha. ✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.



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. P. Lalhmachhuana	:	Meteorological Observer	ac.pautu@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: 17thApril-21stApril, 2019

Bulletin No: - 871/2019/ Bulletin/Mizo

Date of issue: 16th April, 2019

Parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	10	15	7	8	12
Max Temp (°C)	32	30	30	30	29
Min Temp (°C)	21	21	22	22	22
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Partially clear
Max RH (%)	79	94	97	97	96
Min RH (%)	39	31	56	43	49
Wind Speed (Kmph)	4	4	4	3	3
*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	17 th April-21 st April, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):29-31°C Minimum Tem. (°C):16°-17°C Maximum RH (%):94-95% Minimum RH (%):51-72% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.14 km/hr	Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-32°C a ni ang a. A vawh lai ber in 21-22°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 79-96% leh a hniam lai berin 31-56% ni tur a rin niin. Thli hi darkar khatah 3-4 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 52.0 mm	
NDVI for Mizoram	Agriculture report to moderate over many parts of NE Region.	Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.
General recommendations	Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur: ✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni. ✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni. ✚ Ran nei te tan vaccination lak hun check nawn tur.	



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)



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB MAMIT	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Tlangram buh	A hmun hma siam dan/ Chi tuh	AIZAWL SEI	➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni. ➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni. ➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □
Greengram and black gram	Chi tuh hun	LUNGLEI	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Thei			
Serthlum (Mandarin)	Seng tawh hnu/phunsawn hun	LAWNGTLA	➤ A chawr no/zik no paih bo tur. ➤ Khaw that tumin Phytophthora natna laka vennis Metalaxyl MZ 72@2.75g/lit emaw fosetyl A1@2.5g/lit fungicide chu a kung pumpui a kah chhuah vek tur a ni.
Strawberry	Seng hun	LAWNGTLA	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a



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)



			chhuah tirhin kar 2 danah zel spray tur a ni.
Thlai			
Mai /Um ei chi ho	Chi tuh hun	KOLASIB	➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni. ➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.
Behlawi/ bawrhsaiabe	Chi tuh hun		➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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. P. Lalmachhuana	:	Meteorological Observer	ac.pautu@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	kvkkhawzawl@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