



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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	2	0	2	4	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Mainly clear	Clear sky
Max RH (%)	89	84	88	94	79
Min RH (%)	32	34	32	26	27
Wind Speed (Kmph)	5.4	5.2	4.6	5.4	5.2
*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	18thMay–22ndMay, 2019 chungga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):27-29°C Minimum Tem. (°C):18-20°C Maximum RH (%):92-98% Minimum RH (%):65-78% Wind Direction: Southeasterly Cloud cover: Partially clear sky Wind speed: 2.57 km/hr Rainfall: 36.9 mm	Tun ni 3 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 18-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 79-94% leh a hniam lai berin 26-28% ni tur a rin niin. Thli hi darkar khatah 4.6-5.4 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 and health. It is calculated using satellite data. The map shows the distribution of NDVI values across Mizoram, with a legend indicating the following categories: Very Low, Low, Moderate, Good, and Very Good.	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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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			
Sawhthing (Ginger)	Chi tuh hun	LUNGLEI	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiaah in buatsaih thin tur ani.
Kiwi	Pruning/ Training	LAWNGTLA	➤ 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	A than duh hunlai/ a kung par hma	KOLASIB	➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed fertilizer N-P-K, 19-19-19 pek hun chu sawn 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	SEPHAKH	✚ 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		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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhrui Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	5	2	10	4	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Mainly clear	Clear sky
Max RH (%)	98	100	96	97	88
Min RH (%)	37	42	37	31	33
Wind Speed (Kmph)	6.0	6.3	4.8	4.9	5.3
*Wind Direction	S-E	S-E	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):29-30°C
Minimum Tem. (°C):19-21°C
Maximum RH (%):89-98%
Minimum RH (%):67-77%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 2.41 km/hr

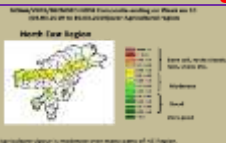
Rainfall: 37.2 mm

Weather forecast valid from 18th May, 2019 To 22nd May, 2019.

There are chances of moderate to light and heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 32-33°C and 18-19°C. Maximum relative humidity is expected in the range of 88-100% and minimum may from 31-42%. Wind direction would be southeasterly to easterly to southerly and easterly with the wind speed of 4.8-6.3 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 21.0 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	Fall Armyworm	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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. □
Greengram and black gram	Sowing stage		➤ 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/cash crop			
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.
Turmeric and ginger	Sowing stage		➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in



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)



			shade place
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	Vegetative stage	MAMIT AIZAWL	➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkhhawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruaia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	5	2	10	4	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Mainly clear	Clear sky
Max RH (%)	98	100	96	97	88
Min RH (%)	37	42	37	31	33
Wind Speed (Kmph)	6	6.3	4.8	4.9	5.3
*Wind Direction	S-E	S-E	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	18th May–22nd May, 2019 chungsa sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C): 29-30°C Minimum Tem. (°C): 19-21°C Maximum RH (%): 89-98% Minimum RH (%): 67-77% Wind Direction: Southeasterly Cloud cover: Partially clear sky Wind speed: 2.41 km/hr	Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 18-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 88-100% leh a hniam lai berin 31-42% ni tur a rin niin. Thli hi darkar khatah 4.8-6.3 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: 21.0 mm	
NDVI for Mizoram	 North-East Region 0.4 to 0.5: Low 0.5 to 0.6: Moderate 0.6 to 0.7: Good 0.7 to 0.8: Very good 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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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		➤ 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.
Sawhthing (Ginger)	Chi tuh hun	LAWNGTLA	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.



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)



Thlai			
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/ bawrhaisaiabe	A than duh hunlai/ a kung par hma		➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed feritilizer N-P-K, 19-19-19 pek hun chu sawn 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 ngaihtuahsak 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/Bigga hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigga 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	9	14	6	10	5
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Partially clear	Partially clear	Mainly clear	Partially clear	Mainly clear
Max RH (%)	98	99	97	98	92
Min RH (%)	37	41	38	32	33
Wind Speed (Kmph)	6.4	6.0	4.8	4.4	4.9
*Wind Direction	S	S-E	S-E	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):29-30°C
Minimum Tem. (°C): 20-21°C
Maximum RH (%):86-100%
Minimum RH (%):65-75%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 2.64 km/hr

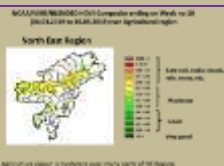
Rainfall: 52.4 mm

NDVI for Mizoram

Weather forecast valid from 18th May, 2019 To 22nd May, 2019.

There are chances of moderate to light and heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 32-33°C and 18-19°C. Maximum relative humidity is expected in the range of 92-99% and minimum may from 32-41%. Wind direction would be southerly to southeasterly to easterly and southerly with the wind speed of 4.4-6.4 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 44.0 mm



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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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	SENGHAI	➤ 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	LUNGLEI	➤ 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.
Turmeric and ginger	Sowing stage	LAWNGTLAI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place



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	Vegetative stage	MAMIT	➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	AIZAWL	➤ 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhrui Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	9	14	6	10	5
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Partially clear	Partially clear	Mainly clear	Partially clear	Mainly clear
Max RH (%)	98	99	97	98	92
Min RH (%)	37	41	38	32	33
Wind Speed (Kmph)	6.4	6	4.8	4.4	4.9
*Wind Direction	S	S-E	S-E	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	18thMay–22ndMay, 2019 chungsa sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):29-30°C Minimum Tem. (°C): 20-21°C Maximum RH (%):86-100% Minimum RH (%):65-75% Wind Direction: Southeasterly Cloud cover: Partially Clear sky Wind speed: 2.64 km/hr Rainfall: 52.4 mm	Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 18-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 92-99% leh a hniam lai berin 32-41% ni tur a rin niin. Thli hi darkar khatah 4.4-6.4 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: 44.0 mm	
NDVI for Mizoram		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	FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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		- 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.
Sawhthing (Ginger)	Chi tuh hun	LAWNGTLA	- Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. - Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.



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)



Thlai			
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/ bawrhaisaiabe	A than duh hunlai/ a kung par hma		➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed feritilizer N-P-K, 19-19-19 pek hun chu sawn 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 ngaihtuahsak 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/Bigga hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigga 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhrui Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	6	3	1	5	7
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	97	99	88	95	91
Min RH (%)	35	34	32	27	30
Wind Speed (Kmph)	6.9	6.7	5.4	5.5	6.0
*Wind Direction	S-E	S-E	S-E	S-W	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): 26-29°C
Minimum Tem. (°C): 19-21°C
Maximum RH (%): 95-99%
Minimum RH (%): 64-78%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 2.34 km/hr

Rainfall: 47.2 mm

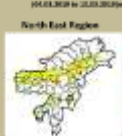
NDVI for Mizoram

Weather forecast valid from 18th May, 2019 To 22nd May, 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 32-33°C and 18-19°C. Maximum relative humidity is expected in the range of 88-99% and minimum may from 27-35%. Wind direction would be southeasterly to southwesterly and southerly with the wind speed of 5.4-6.9 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 22.0 mm

NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density and health. It is calculated using the difference in near-infrared and visible light reflectance. NDVI values range from -1 to 1, with higher values indicating denser vegetation.



Agroforestry system is moderate over most 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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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/plantation crop			
Turmeric and ginger	Sowing stage	LUNGLEI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place
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	Vegetative stage		➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruaia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May-22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	6	3	1	5	7
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	97	99	88	95	91
Min RH (%)	35	34	32	27	30
Wind Speed (Kmph)	6.9	6.7	5.4	5.5	6
*Wind Direction	S-E	S-E	S-E	S-W	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	18thMay-22ndMay, 2019 chungga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):26-29°C Minimum Tem. (°C): 19-21°C Maximum RH (%):95-99% Minimum RH (%):64-78% Wind Direction: Southeasterly Cloud cover: Partially Clear sky Wind speed: 2.34 km/hr Rainfall: 47.2 mm	Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 18-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 88-99% leh a hniam lai berin 27-35% ni tur a rin niin. Thli hi darkar khatah 5.4-6.9 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: 22.0 mm	
NDVI for Mizoram	NDVI (Normalized Difference Vegetation Index) is a satellite-based index used to assess vegetation health and density. It is calculated as (NIR - Red) / (NIR + Red), where NIR is Near-Infrared and Red is the visible red light spectrum. NDVI values range from -1 to 1, with higher values indicating denser vegetation. The map shows that most of Mizoram is in the 'Poor' to 'Moderate' range, which is likely due to the dry conditions and low rainfall during this period.	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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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			
Sawhthing (Ginger)	Chi tuh hun	LUNGLEI	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiaah in buatsaih thin tur ani.
Kiwi	Pruning/ Training	LAWNGTLA	➤ 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	A than duh hunlai/ a kung par hma	KOLASIB	➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed fertilizer N-P-K, 19-19-19 pek hun chu sawn 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	SEPHAKH	✚ 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		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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhrui Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	15	16	13	20	9
Max Temp (°C)	34	33	33	33	33
Min Temp (°C)	23	22	22	22	22
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Mainly clear
Max RH (%)	99	99	98	98	97
Min RH (%)	39	46	44	37	37
Wind Speed (Kmph)	5.2	4.6	4.4	3.7	4.2
*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

Maximum Tem. (°C):30-32°C
Minimum Tem. (°C):20-22°C
Maximum RH (%):92-100%
Minimum RH (%):65-76%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 2.34 km/hr

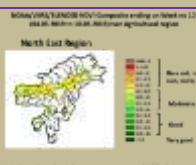
Rainfall: 84.3 mm

NDVI for Mizoram

Weather forecast valid from 18th May, 2019 To 22nd May, 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 33-34°C and 22-23°C. Maximum relative humidity is expected in the range of 97-99% and minimum may from 37-46%. Wind direction would be southeasterly with the wind speed of 3.7-5.2 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 73.0 mm



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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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	SERCHHI	➤ 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/plantation crop			
Mandarin	After Harvesting/ transplanting stage	LUNGLEI	➤ 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.
Turmeric and ginger	Sowing stage	LAWNGTLAI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place



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	Vegetative stage	MAMIT	➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	AIZAWL	➤ 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruaia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	15	16	13	20	9
Max Temp (°C)	34	33	33	33	33
Min Temp (°C)	23	22	22	22	22
Cloud Coverage	Partially clear	Partially clear	Partially clear	Partially clear	Mainly clear
Max RH (%)	99	99	98	98	97
Min RH (%)	39	46	44	37	37
Wind Speed (Kmph)	5.2	4.6	4.4	3.7	4.2
*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	18th May–22nd May, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C): 30-32°C Minimum Tem. (°C): 20-22°C Maximum RH (%): 92-100% Minimum RH (%): 65-76% Wind Direction: Southeasterly Cloud cover: Partially Clear sky Wind speed: 2.34 km/hr Rainfall: 84.3 mm	Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 33-34°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 97-99% leh a hniam lai berin 37-46% ni tur a rin niin. Thli hi darkar khatah 4.2-5.0 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: 73.0 mm	
NDVI for Mizoram	 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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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		➤ 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.
Sawhthing (Ginger)	Chi tuh hun	LAWNGTLA	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.



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)



Thlai			
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/ bawrhaisaiabe	A than duh hunlai/ a kung par hma		➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed feritilizer N-P-K, 19-19-19 pek hun chu sawn 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 ngaihtuahsak 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/Bigga hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigga 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	4	0	2	2	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	92	89	93	95	83
Min RH (%)	32	32	34	30	28
Wind Speed (Kmph)	5.4	5.2	4.3	4.4	4.7
*Wind Direction	S-E	S-E	E	W	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 (%):92-98%
Minimum RH (%):64-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 2.54 km/hr

Rainfall: 29.2 mm

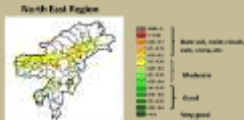
Weather forecast valid from 18th May, 2019 To 22nd May, 2019.

There are chances of light rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 32-33°C and 18-19°C. Maximum relative humidity is expected in the range of 83-93% and minimum may from 28-34%. Wind direction would be southeasterly to easterly to westerly and southeasterly with the wind speed of 4.3-5.4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 06.0 mm

NDVI for Mizoram

MMAU/ICAR/INMNM/INM/Composite satellite and ground based data for 18.05.2019 to 22.05.2019 over Mizoram region



Agriculture region 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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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	SERCHHI	➤ 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/cash crop			
Mandarin	After Harvesting/ transplanting stage	LUNGLEI	➤ 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.
Turmeric and ginger	Sowing stage	LAWNGTLAI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place



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	Vegetative stage	MAMIT	➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	AIZAWL	➤ 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May-22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	4	0	2	2	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	92	89	93	95	83
Min RH (%)	32	32	34	30	28
Wind Speed (Kmph)	5.4	5.2	4.3	4.4	4.7
*Wind Direction	S-E	S-E	E	W	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	18th May-22nd May, 2019 chungsa sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C): 28-30°C Minimum Tem. (°C): 18-19°C Maximum RH (%): 92-98% Minimum RH (%): 64-75% Wind Direction: Southeasterly Cloud cover: Partially clear sky Wind speed: 2.54 km/hr Rainfall: 29.2 mm	Tun ni 3 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 18-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 83-93% leh a hniam lai berin 28-34% ni tur a rin niin. Thli hi darkar khatah 4.3-5.4 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: 06.0 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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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		➤ 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.
Sawhthing (Ginger)	Chi tuh hun	LAWNGTLA	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.



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)



Thlai			
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/ bawrhaisaiabe	A than duh hunlai/ a kung par hma		➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed feritilizer N-P-K, 19-19-19 pek hun chu sawn 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 ngaihtuahsak 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/Bigga hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigga 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	7	2	10	7	0
Max Temp (°C)	34	33	33	33	33
Min Temp (°C)	23	22	22	22	22
Cloud Coverage	Mainly clear	Mainly clear	Mainly clear	Mainly clear	Clear sky
Max RH (%)	95	94	95	97	87
Min RH (%)	36	38	38	31	30
Wind Speed (Kmph)	5.7	5.8	4.7	4.9	5.1
*Wind Direction	E	E	E	S-W	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):27-30°C
Minimum Tem. (°C):20-22°C
Maximum RH (%):92-98%
Minimum RH (%):62-74%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 2.04 km/hr

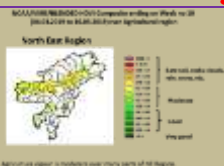
Rainfall: 41.3 mm

Weather forecast valid from 18th May, 2019 To 22nd May, 2019.

There are chances of moderate to light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 33-34°C and 22-23°C. Maximum relative humidity is expected in the range of 87-97% and minimum may from 30-38%. Wind direction would be easterly to southwesterly and easterly with the wind speed of 4.7-5.8 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 26.0 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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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/cash crop			
Turmeric and ginger	Sowing stage	LUNGLEI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place
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	Vegetative stage		➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	7	2	10	7	0
Max Temp (°C)	34	33	33	33	33
Min Temp (°C)	23	22	22	22	22
Cloud Coverage	Mainly clear	Mainly clear	Mainly clear	Mainly clear	Clear sky
Max RH (%)	95	94	95	97	87
Min RH (%)	36	38	38	31	30
Wind Speed (Kmph)	5.7	5.8	4.7	4.9	5.1
*Wind Direction	E	E	E	S-W	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	18th May–22nd May, 2019 chungsa sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C): 27-30°C Minimum Tem. (°C): 20-22°C Maximum RH (%): 92-98% Minimum RH (%): 62-74% Wind Direction: Southeasterly Cloud cover: Partially clear sky Wind speed: 2.04 km/hr	Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 33-34°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 87-97% leh a hniam lai berin 30-38% ni tur a rin niin. Thli hi darkar khatah 4.7-5.8 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: 26.0 mm	
NDVI for Mizoram	 North-East Region 0.4 to 0.5: Low 0.5 to 0.6: Moderate 0.6 to 0.7: Good 0.7 to 0.8: Very good 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	FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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			
Sawhthing (Ginger)	Chi tuh hun	LUNGLEI	- Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. - Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiaah in buatsaih thin tur ani.
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/ bawrh saiabe	A than duh hunlai/ a kung par hma	KOLASIB	➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed fertilizer N-P-K, 19-19-19 pek hun chu sawn 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	SEPHAKH	✚ 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		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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhrui Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	11	13	2	6	5
Max Temp (°C)	34	34	34	37	36
Min Temp (°C)	24	25	24	24	24
Cloud Coverage	Mainly clear	Mainly clear	Mainly clear	Mainly clear	Mainly clear
Max RH (%)	98	98	98	98	90
Min RH (%)	40	46	43	32	35
Wind Speed (Kmph)	7.0	7.1	5.5	4.5	5.7
*Wind Direction	S	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

Maximum Tem. (°C):30-32°C
Minimum Tem. (°C):24-26°C
Maximum RH (%):91-98%
Minimum RH (%):68-79%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 2.34 km/hr

Rainfall: 39.6 mm

NDVI for Mizoram

Weather forecast valid from 15th May, 2019 To 19th May, 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 34-37°C and 24-25°C. Maximum relative humidity is expected in the range of 90-98% and minimum may from 32-46%. Wind direction would be southerly to southeasterly with the wind speed of 4.5-7.1 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 37.0 mm

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



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



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	Fall Armyworm	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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. □
Greengram and black gram	Sowing stage		➤ 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/cash crop			
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.
Turmeric and ginger	Sowing stage		➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in



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)



			shade place
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	Vegetative stage	MAMIT AIZAWL	➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkhhawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/Mizo

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	11	13	2	6	5
Max Temp (°C)	34	34	34	37	36
Min Temp (°C)	24	25	24	24	24
Cloud Coverage	Mainly clear	Mainly clear	Mainly clear	Mainly clear	Mainly clear
Max RH (%)	98	98	98	98	90
Min RH (%)	40	46	43	32	35
Wind Speed (Kmph)	7	7.1	5.5	4.5	5.7
*Wind Direction	S	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	18th May–22nd May, 2019 chungga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C): 30-32°C Minimum Tem. (°C): 24-26°C Maximum RH (%): 91-98% Minimum RH (%): 68-79% Wind Direction: Southeasterly Cloud cover: Partially Clear sky Wind speed: 2.34 km/hr	Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 34-37°C a ni ang a. A vawh lai ber in 24-25°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 90-98% leh a hniam lai berin 32-46% ni tur a rin niin. Thli hi darkar khatah 4.5-7.1 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.	
Rainfall: 39.6 mm	Weekly cumulative rainfall: 37.0 mm	
NDVI for Mizoram		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	➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh hian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.
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		➤ 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.
Sawhthing (Ginger)	Chi tuh hun	LAWNGTLA	➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni. ➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.



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)



Thlai			
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/ bawrhaisaiabe	A than duh hunlai/ a kung par hma		➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se. ➤ Tun hnai kar 1-2 lo awm tur ah hian ruah a sur rin a nih avangin a hnah ah kah tur mixed feritilizer N-P-K, 19-19-19 pek hun chu sawn 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 ngaihtuahsak 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/Bigga hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigga 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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	Dr. H. Vanlalhmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
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: 18th May–22nd May, 2019

Bulletin No: - 880/2019/ Bulletin/English

Date of issue: 17th May, 2019

Parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	2	0	2	4	0
Max Temp (°C)	32	32	33	32	32
Min Temp (°C)	18	19	18	19	19
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Mainly clear	Clear sky
Max RH (%)	89	84	88	94	79
Min RH (%)	32	34	32	26	27
Wind Speed (Kmph)	5.4	5.2	4.6	5.4	5.2
*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): 27-29°C
Minimum Tem. (°C): 18-20°C
Maximum RH (%): 92-98%
Minimum RH (%): 65-78%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 2.57 km/hr

Rainfall: 36.9 mm

Weather forecast valid from 18th May, 2019 To 22nd May, 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 32-33°C and 18-19°C. Maximum relative humidity is expected in the range of 79-94% and minimum may from 26-28%. Wind direction would be easterly with the wind speed of 4.6-5.4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 08.0 mm

NDVI for Mizoram

MMAU/ARCC/ICAR/ICRISAT Composite satellite based on NOAA-10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/1229/1230/1231/1232/1233/1234/1235/1236/1237/1238/1239/1240/1241/1242/1243/1244/1245/1246/1247/1248/1249/1250/1251/1252/1253/1254/1255/1256/1257/1258/1259/1260/1261/1262/1263/1264/1265/1266/1267/1268/1269/1270/1271/1272/1273/1274/1275/1276/1277/1278/1279/1280/1281/1282/1283/1284/1285/1286/1287/1288/1289/1290/1291/1292/1293/1294/1295/1296/1297/1298/1299/1300/1301/1302/1303/1304/1305/1306/1307/1308/1309/1310/1311/1312/1313/1314/1315/1316/1317/1318/1319/1320/1321/1322/1323/1324/1325/1326/1327/1328/1329/1330/1331/1332/1333/1334/1335/1336/1337/1338/1339/1340/1341/1342/1343/1344/1345/1346/1347/1348/1349/1350/1351/1352/1353/1354/1355/1356/1357/1358/1359/1360/1361/1362/1363/1364/1365/1366/1367/1368/1369/1370/1371/1372/1373/1374/1375/1376/1377/1378/1379/1380/1381/1382/1383/1384/1385/1386/1387/1388/1389/1390/1391/1392/1393/1394/1395/1396/1397/1398/1399/1400/1401/1402/1403/1404/1405/1406/1407/1408/1409/1410/1411/1412/1413/1414/1415/1416/1417/1418/1419/1420/1421/1422/1423/1424/1425/1426/1427/1428/1429/1430/1431/1432/1433/1434/1435/1436/1437/1438/1439/1440/1441/1442/1443/1444/1445/1446/1447/1448/1449/1450/1451/1452/1453/1454/1455/1456/1457/1458/1459/1460/1461/1462/1463/1464/1465/1466/1467/1468/1469/1470/1471/1472/1473/1474/1475/1476/1477/1478/1479/1480/1481/1482/1483/1484/1485/1486/1487/1488/1489/1490/1491/1492/1493/1494/1495/1496/1497/1498/1499/1500/1501/1502/1503/1504/1505/1506/1507/1508/1509/1510/1511/1512/1513/1514/1515/1516/1517/1518/1519/1520/1521/1522/1523/1524/1525/1526/1527/1528/1529/1530/1531/1532/1533/1534/1535/1536/1537/1538/1539/1540/1541/1542/1543/1544/1545/1546/1547/1548/1549/1550/1551/1552/1553/1554/1555/1556/1557/1558/1559/1560/1561/1562/1563/1564/1565/1566/1567/1568/1569/1570/1571/1572/1573/1574/1575/1576/1577/1578/1579/1580/1581/1582/1583/1584/1585/1586/1587/1588/1589/1590/1591/1592/1593/1594/1595/1596/1597/1598/1599/1600/1601/1602/1603/1604/1605/1606/1607/1608/1609/1610/1611/1612/1613/1614/1615/1616/1617/1618/1619/1620/1621/1622/1623/1624/1625/1626/1627/1628/1629/1630/1631/1632/1633/1634/1635/1636/1637/1638/1639/1640/1641/1642/1643/1644/1645/1646/1647/1648/1649/1650/1651/1652/1653/1654/1655/1656/1657/1658/1659/1660/1661/1662/1663/1664/1665/1666/1667/1668/1669/1670/1671/1672/1673/1674/1675/1676/1677/1678/1679/1680/1681/1682/1683/1684/1685/1686/1687/1688/1689/1690/1691/1692/1693/1694/1695/1696/1697/1698/1699/1700/1701/1702/1703/1704/1705/1706/1707/1708/1709/1710/1711/1712/1713/1714/1715/1716/1717/1718/1719/1720/1721/1722/1723/1724/1725/1726/1727/1728/1729/1730/1731/1732/1733/1734/1735/1736/1737/1738/1739/1740/1741/1742/1743/1744/1745/1746/1747/1748/1749/1750/1751/1752/1753/1754/1755/1756/1757/1758/1759/1760/1761/1762/1763/1764/1765/1766/1767/1768/1769/1770/1771/1772/1773/1774/1775/1776/1777/1778/1779/1780/1781/1782/1783/1784/1785/1786/1787/1788/1789/1790/1791/1792/1793/1794/1795/1796/1797/1798/1799/1800/1801/1802/1803/1804/1805/1806/1807/1808/1809/1810/1811/1812/1813/1814/1815/1816/1817/1818/1819/1820/1821/1822/1823/1824/1825/1826/1827/1828/1829/1830/1831/1832/1833/1834/1835/1836/1837/1838/1839/1840/1841/1842/1843/1844/1845/1846/1847/1848/1849/1850/1851/1852/1853/1854/1855/1856/1857/1858/1859/1860/1861/1862/1863/1864/1865/1866/1867/1868/1869/1870/1871/1872/1873/1874/1875/1876/1877/1878/1879/1880/1881/1882/1883/1884/1885/1886/1887/1888/1889/1890/1891/1892/1893/1894/1895/1896/1897/1898/1899/1900/1901/1902/1903/1904/1905/1906/1907/1908/1909/1910/1911/1912/1913/1914/1915/1916/1917/1918/1919/1920/1921/1922/1923/1924/1925/1926/1927/1928/1929/1930/1931/1932/1933/1934/1935/1936/1937/1938/1939/1940/1941/1942/1943/1944/1945/1946/1947/1948/1949/1950/1951/1952/1953/1954/1955/1956/1957/1958/1959/1960/1961/1962/1963/1964/1965/1966/1967/1968/1969/1970/1971/1972/1973/1974/1975/1976/1977/1978/1979/1980/1981/1982/1983/1984/1985/1986/1987/1988/1989/1990/1991/1992/1993/1994/1995/1996/1997/1998/1999/2000/2001/2002/2003/2004/2005/2006/2007/2008/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355



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	Fall Armyworm KOLASIB	➤ To manage 2nd and 3rd instars larvae at 10-20 % damage spray Emamectin benzoate @ 0.4 g/l of water OR Spinosad @ 0.3 ml/l of water OR Thiamethoxam 12.6% + lambdacyhalothrin 9.5% @ 0.5 ml/l of water OR Chlorantraniliprole 18.5% SC @ 0.4 ml/l of water.
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/ cash crop			
Turmeric and ginger	Sowing stage	LUNGLEI	➤ Remove all existing stable from the field. ➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha ➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place
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	Vegetative stage		➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water. ➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.
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. Lalhruaipuii	:	Scientist (Vet. Microbiology)	lpuii@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	:	Dr. Michlle Lallawmkimi Head & Sr. Scientist	kvkkolasib@gmail.com	9436155858
KVK, Serchhip	:	Dr. T. Vanlalngurzauva Head & Sr. Scientist	kvkserchhip@gmail.com	9612693486
KVK, Champhai	:	Dr. Henry Saplalrinliana Head & Sr. Scientist	kvkchawzawl@gmail.com	9436190701
KVK, Lawngtlai	:	Dr. C. Lalfakawma Head & Sr. Scientist	kvklawntlai@gmail.com	8399069138
KVK, Saiha	:	Dr. H. Vanlalhmuliana Head & Sr. Scientist	kvksaiha@gmail.com	9862222958
KVK, Mamit	:	Dr. Vanlalhruiia Head & Sr. Scientist	kvkmamit@gmail.com	7005739578 9436152189
KVK, Aizawl	:	Dr. K. P. Chaudhary Head & Sr. Scientist	Kpchy@rediffmail.com kvkaizawl@rediffmail.com	9436351669