



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: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	50	19	17	22	20
Max Temp (°C)	33	30	31	32	32
Min Temp (°C)	25	25	24	24	23
Cloud Coverage	Mainly clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	99	98	98	98	98
Min RH (%)	52	78	47	48	45
Wind Speed (Kmph)	4.3	3.6	3.5	3.3	3.2
*Wind Direction	S-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):26-28°C
Minimum Tem. (°C):17-20°C
Maximum RH (%):95-99%
Minimum RH (%):68-76%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 1.68 km/hr

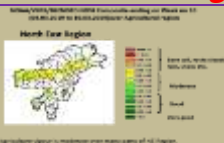
Rainfall: 24.1 mm

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of very heavy to heavy and moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-33°C and 23-25°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 45-78%. Wind direction would be southeasterly to easterly with the wind speed of 3.2-4.3 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 128.0 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.



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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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.
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	LAWNGTLEI SAIHA	➤ 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
Vegetable			



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Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage		➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.
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.



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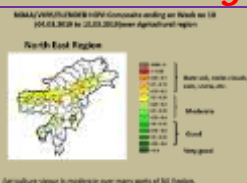
Rainfall: 24.1 mm

05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-33°C a ni ang a. A vawh lai berin 23-25°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 98-99% leh a hniam lai berin 45-78% ni tur a rin niin. Thli hi darkar khatah 3.2-4.3 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 128.0 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.



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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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Greengram and black gram	Chi tuh hun	SEI	➤ 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	LUNGLEI	➤ 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 thieng 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.
Thlai			



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Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtaw)	A hnah hrin hunlai/a than duh hunlai		➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.
Behlawi/ bawrhsaiabe	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 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		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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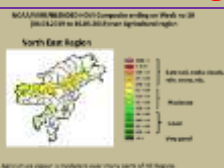
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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Aizawl

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	50	15	14	42	34
Max Temp (°C)	34	29	31	31	32
Min Temp (°C)	24	25	24	24	24
Cloud Coverage	Partially clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	99	97	98	99	98
Min RH (%)	47	77	49	56	50
Wind Speed (Kmph)	3.5	3.5	3.3	2.9	2.9
*Wind Direction	S-E	S-E	S-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):17-20°C
Maximum RH (%):95-99%
Minimum RH (%):67-81%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 1.57 km/hr

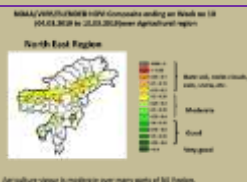
05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-34°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 97-99% leh a hniam lai berin 49-77% ni tur a rin niin. Thli hi darkar khatah 2.9-3.5 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 155.0 mm

Rainfall: 24.8 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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Greengram and black gram	Chi tuh hun	SEI	➤ 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	LUNGLEI	➤ 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.
Thlai			



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Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtaw)	A hnah hrin hunlai/a than duh hunlai		➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.
Behlawi/ bawrhsaiabe	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 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		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Champhai

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	30	13	13	28	23
Max Temp (°C)	32	30	32	32	33
Min Temp (°C)	24	23	24	23	23
Cloud Coverage	Mainly clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	99	96	99	100	99
Min RH (%)	58	80	53	53	56
Wind Speed (Kmph)	3.7	3.6	3.3	2.6	2.9
*Wind Direction	S-E	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):26-28°C
Minimum Tem. (°C):17-20°C
Maximum RH (%):96-100%
Minimum RH (%):64-81%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 1.92 km/hr

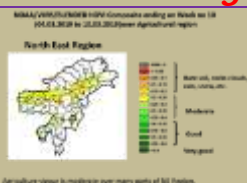
Rainfall: 19.6 mm

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of heavy to moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-33°C and 23-24°C. Maximum relative humidity is expected in the range of 96-99% and minimum may from 53-80%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 2.6-3.7 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 107.0 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.



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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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.
Fruits/plantation crop			
Turmeric and ginger	Sowing stage	SERCHOK	➤ 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	LUNGLEI	➤ 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			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage	LAWNGTLAI	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.



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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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Champhai

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

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Min Temp (°C)	24	23	24	23	23
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Max RH (%)	99	96	99	100	99
Min RH (%)	58	80	53	53	56
Wind Speed (Kmph)	3.7	3.6	3.3	2.6	2.9
*Wind Direction	S-E	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):26-28°C
Minimum Tem. (°C):17-20°C
Maximum RH (%):96-100%
Minimum RH (%):64-81%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 1.92 km/hr

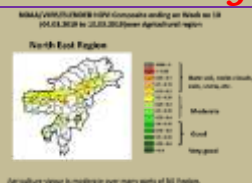
Rainfall: 19.6 mm

05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

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Weekly cumulative rainfall: 107.0 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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Thei			
Sawhthing (Ginger)	Chi tuh hun	LUNGLEI	➤ Khaw thiang 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.
Kiwi	Pruning/ Training		➤ 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			
Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtawk)	A hnah hrin hunlai/a than duh hunlai	LAWNGTLA	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh



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Mizoram Centre, Kolasib- 796081, MIZORAM

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			na turin a bul leh a vel te thlawhfai 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 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	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	SEICHHEI	✚ 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)



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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: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	37	14	13	38	24
Max Temp (°C)	34	27	32	31	32
Min Temp (°C)	23	24	24	24	24
Cloud Coverage	Partially clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	98	98	99	98
Min RH (%)	42	78	48	59	48
Wind Speed (Kmph)	2.8	2.9	2.9	2.8	3.2
*Wind Direction	S-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):30-31°C
Minimum Tem. (°C):17^o-20°C
Maximum RH (%):95-99%
Minimum RH (%):52-83%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 1.67 km/hr

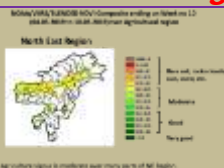
Rainfall: 37.2 mm

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of heavy to moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 27-34°C and 23-24°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 42-78%. Wind direction would be southeasterly to easterly with the wind speed of 2.8-3.2 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 126.0 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.
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.
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	LAWNGTLEI SAIHA	➤ 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
Vegetable			



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Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage		➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.
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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Kolasib

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	37	14	13	38	24
Max Temp (°C)	34	27	32	31	32
Min Temp (°C)	23	24	24	24	24
Cloud Coverage	Partially clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	98	98	99	98
Min RH (%)	42	78	48	59	48
Wind Speed (Kmph)	2.8	2.9	2.9	2.8	3.2
*Wind Direction	S-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):30-31°C
Minimum Tem. (°C):17°-20°C
Maximum RH (%):95-99%
Minimum RH (%):52-83%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 1.67 km/hr

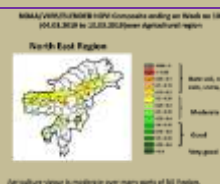
05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 27-34°C a ni ang a. A vawh lai ber in 23-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 98-99% leh a hniam lai berin 42-78% ni tur a rin niin. Thli hi darkar khatah 2.8-3.2 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 126.0 mm

Rainfall: 37.2 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.



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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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Greengram and black gram	Chi tuh hun	SEI	➤ 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	LUNGLEI	➤ 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 thieng 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.
Thlai			



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Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtaw)	A hnah hrin hunlai/a than duh hunlai		➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.
Behlawi/ bawrhsaiabe	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 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		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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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: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	21	19	20	16	18
Max Temp (°C)	32	29	31	32	32
Min Temp (°C)	24	24	23	24	24
Cloud Coverage	Partially clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	93	96	97	97
Min RH (%)	38	59	41	42	42
Wind Speed (Kmph)	4.6	3.4	3.9	4.8	4.7
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

Weather summary of the past three days

Maximum Tem. (°C):28-30°C
Minimum Tem. (°C):17-20°C
Maximum RH (%):94-99%
Minimum RH (%):71-83%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy sky
Wind speed: 1.38 km/hr

Rainfall: 19.4 mm

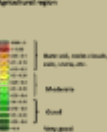
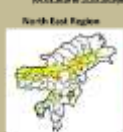
NDVI for Mizoram

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-32°C and 23-24°C. Maximum relative humidity is expected in the range of 93-98% and minimum may from 38-59%. Wind direction would be easterly with the wind speed of 3.4-4.8 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 94.0 mm

NDVI (2018/2019) (NDVI) composite showing the trends in NDVI (2018/2019) to 2019/2020 over Agricultural region



Agriculture region 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.



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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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/lt of water against leaf blast of rice.
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	LAWNGTIAI SAIHA	➤ 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
Vegetable			



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Mizoram Centre, Kolasib- 796081, MIZORAM

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Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage		➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.
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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lawngtlai

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	21	19	20	16	18
Max Temp (°C)	32	29	31	32	32
Min Temp (°C)	24	24	23	24	24
Cloud Coverage	Partially clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	93	96	97	97
Min RH (%)	38	59	41	42	42
Wind Speed (Kmph)	4.6	3.4	3.9	4.8	4.7
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

Weather summary of the past three days

Maximum Tem. (°C):28-30°C
Minimum Tem. (°C):17-20°C
Maximum RH (%):94-99%
Minimum RH (%):71-83%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy sky
Wind speed: 1.38 km/hr

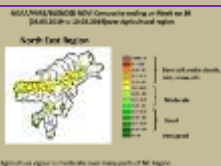
05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-32°C a ni ang a. A vawh lai ber in 23-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 93-98% leh a hniam lai berin 38-59% ni tur a rin niin. Thli hi darkar khatah 3.4-4.8 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: 94.0 mm

Rainfall: 19.4 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.



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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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Greengram and black gram	Chi tuh hun	SEI	➤ 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	LUNGLEI	➤ 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.
Thlai			



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Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtaw)	A hnah hrin hunlai/a than duh hunlai		➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.
Behlawi/ bawrsaiabe	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 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		➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lunglei

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	39	25	23	24	20
Max Temp (°C)	33	30	32	32	33
Min Temp (°C)	25	25	25	25	24
Cloud Coverage	Partially clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	98	97	97	97	97
Min RH (%)	42	64	45	44	43
Wind Speed (Kmph)	4.9	3.6	3.8	4.2	4.0
*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):26-28°C
Minimum Tem. (°C):16-19°C
Maximum RH (%):93-97%
Minimum RH (%):71-82%
Wind Direction: Southwesterly
Cloud cover: Mainly cloudy sky
Wind speed: 2.05 km/hr

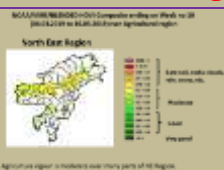
Rainfall: 26.2 mm

NDVI for Mizoram

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of heavy to moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-33°C and 24-25°C. Maximum relative humidity is expected in the range of 97-98% and minimum may from 42-64%. Wind direction would be easterly with the wind speed of 3.6-4.9 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 131.0 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.



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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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.
Fruits/cash crop			
Turmeric and ginger	Sowing stage	SERCHUK	➤ 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	LUNGLEI	➤ 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			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage	LAWNGTLAI SAI...	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.



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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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lunglei

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
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Cloud Coverage	Partially clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	98	97	97	97	97
Min RH (%)	42	64	45	44	43
Wind Speed (Kmph)	4.9	3.6	3.8	4.2	4
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

Weather summary of the past three days

Maximum Tem. (°C):26-28°C
Minimum Tem. (°C):16-19°C
Maximum RH (%):93-97%
Minimum RH (%):71-82%
Wind Direction: Southwesterly
Cloud cover: Mainly cloudy sky
Wind speed: 2.05 km/hr

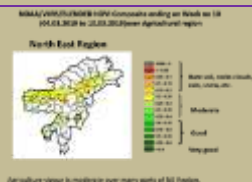
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Weekly cumulative rainfall: 131.0 mm

Rainfall: 26.2 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 gian 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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah 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 chiah in buatsaih thin tur ani.
Kiwi	Pruning/ Training		➤ 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			
Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtawk)	A hnah hrin hunlai/a than duh hunlai	LAWNGTLA	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh



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Behlawi/ bawrhsaiabe	A than duh hunlai/ a kung par hma	KOLASIB	na turin a bul leh a vel te thlawhfai tur. ➤ 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	MAMIT	➤ 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	AIZAWL	✚ 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		SEPHAKHUNG 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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Mamit

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	01.06.2019	02.06.2019	03.06.2019	04.06.2019	05.06.2019
Rainfall (mm)	32	17	14	15	12
Max Temp (°C)	33	29	32	33	32
Min Temp (°C)	24	25	24	24	24
Cloud Coverage	Mainly clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	98	98	98	98	97
Min RH (%)	41	59	47	51	45
Wind Speed (Kmph)	4.9	4.1	3.7	3.2	3.4
*Wind Direction	S	S-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

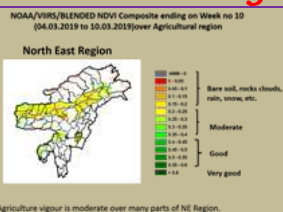
Maximum Tem. (°C):28-30°C
Minimum Tem. (°C):18-20°C
Maximum RH (%):95-98%
Minimum RH (%):63-82%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 1.67 km/hr
Rainfall: 27.0 mm

Weather forecast valid from 01stJune, 2019 To 05thJune, 2019.

There are chances of heavy and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-33°C and 24-25°C. Maximum relative humidity is expected in the range of 97-98% and minimum may from 41-59%. Wind direction would be southerly to southeasterly and easterly with the wind speed of 3.2-4.9 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 90.0 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.



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(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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/lt of water against leaf blast of rice.
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	LAWNGTIAI SAIHA	➤ 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
Vegetable			



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Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage		➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.
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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Mamit

Period: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/Mizo

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	32	17	14	15	12
Max Temp (°C)	33	29	32	33	32
Min Temp (°C)	24	25	24	24	24
Cloud Coverage	Mainly clear	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy
Max RH (%)	98	98	98	98	97
Min RH (%)	41	59	47	51	45
Wind Speed (Kmph)	4.9	4.1	3.7	3.2	3.4
*Wind Direction	S	S-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

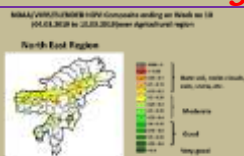
Maximum Tem. (°C):28-30°C
Minimum Tem. (°C):18-20°C
Maximum RH (%):95-98%
Minimum RH (%):63-82%
Wind Direction: Southeasterly
Cloud cover: Partially Clear sky
Wind speed: 1.67 km/hr
Rainfall: 27.0 mm

05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-33°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 97-98% leh a hniam lai berin 41-59% ni tur a rin niin. Thli hi darkar khatah 3.2-4.9 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: 90.0 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.



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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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Greengram and black gram	Chi tuh hun	SEI	➤ 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	LUNGLEI	➤ 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 thieng 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.
Thlai			



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Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtawk)	A hnah hrin hunlai/a than duh hunlai		➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.
Behlawi/ bawrhsaiabe	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 fertilizer N-P-K, 19-19-19 pek hun chu sawn tur a ni.
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Vawk (Pig)	Eng hun ah pawh		✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Bawng			✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. ✚ A hnute sawr dan thin full hand milking chu hman tur a ni. ✚ Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.
Sangha			
	Tuikhuah siamthar/sia mthat	Hrik natna	✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni ✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.



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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: 05thJune–09thJune, 2019

Bulletin No: - 885/2019/ Bulletin/English

Date of issue: 04thJune, 2019

Parameters	05.06.2019	06.06.2019	07.06.2019	08.06.2019	09.06.2019
Rainfall (mm)	18	19	24	12	13
Max Temp (°C)	32	30	31	31	32
Min Temp (°C)	24	24	24	24	24
Cloud Coverage	Mainly cloudy	Partially clear	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	94	97	98	98
Min RH (%)	40	52	43	43	41
Wind Speed (Kmph)	4.6	3.9	3.8	4.3	4.4
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

Weather summary of the past three days

Maximum Tem. (°C):24-27°C
Minimum Tem. (°C):14-17°C
Maximum RH (%):95-98%
Minimum RH (%):68-80%
Wind Direction: Southwesterly
Cloud cover: Partially clear sky
Wind speed: 1.37 km/hr

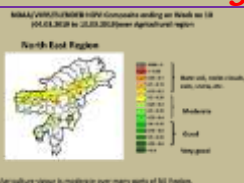
Rainfall: 31.2 mm

Weather forecast valid from 05thJune, 2019 To 09thJune, 2019.

There are chances of heavy to moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-32°C and 24°C. Maximum relative humidity is expected in the range of 94-98% and minimum may from 41-52%. Wind direction would be easterly with the wind speed of 3.9-4.6 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 86.0 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.



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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	Germination stage	MAMIT AIZAWL	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring. ➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.
Fruits/ cash crop			
Turmeric and ginger	Sowing stage	SERCHOK	➤ 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	LUNGLEI	➤ 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			
Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)	Vegetative stage	LAWNGTLAI	➤ Drainage should be maintain properly ➤ Use split dose of fertilizer @ 20 kg/ha. ➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.



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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.



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District: Saiha

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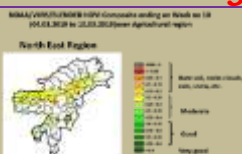
Rainfall: 31.2 mm

05thJune–09thJune, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-32°C a ni ang a. A vawh lai ber in 24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 94-98% leh a hniam lai berin 41-52% ni tur a rin niin. Thli hi darkar khatah 3.9-4.6 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: 86.0 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.



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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 gian 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 kung tiah/chawrchh uah hun	AIZAWL	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur. ➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.
Thei			
Sawhthing (Ginger)	Chi tuh hun	LUNGLEI	➤ Khaw thiang 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.
Kiwi	Pruning/ Training		➤ 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			
Cucurbitaceo us thlai (Um, Mai,maipawl, maitamtawk)	A hnah hrin hunlai/a than duh hunlai	LAWNGTLA	➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam ➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur. ➤ Hnim hnah leh rannung ten an tih buai loh



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			na turin a bul leh a vel te thlawhfai 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	SEICHHEI	✚ 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.



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