



# 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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019      | 05.05.2019 | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|-----------------|------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 21              | 6          | 10         | 3            | 2          |
| <b>Max Temp (°C)</b>     | 34              | 31         | 33         | 30           | 34         |
| <b>Min Temp (°C)</b>     | 23              | 25         | 26         | 23           | 22         |
| <b>Cloud Coverage</b>    | Partially clear | Clear sky  | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 95              | 98         | 98         | 96           | 91         |
| <b>Min RH (%)</b>        | 69              | 37         | 40         | 36           | 29         |
| <b>Wind Speed (Kmph)</b> | 3.3             | 8.0        | 5.5        | 5.3          | 6.3        |
| <b>*Wind Direction</b>   | E               | S          | 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):**21-23°C  
**Maximum RH (%):**72-98%  
**Minimum RH (%):**45-78%  
**Wind Direction:** Southerly  
**Cloud cover:** Mainly cloudy sky  
**Wind speed:** 1.92 km/hr

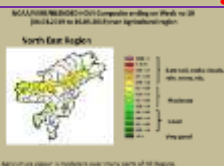
**Rainfall:** 00.0 mm

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 30-34°C and 22-26°C. Maximum relative humidity is expected in the range of 91-98% and minimum may from 29-69%. Wind direction would be easterly to southerly and southeasterly with the wind speed of 3.3-8.0 km per hour. Clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 42.0 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



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|                                     |                                                | ✚ Check of vaccination schedule in poultry/livestock. |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Crop/<br>Animal<br>/ Fisheries | Stage                                          | Cultural<br>practices/<br>Pest/ Diseases              | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                            |
| <b>Cereals</b>                      |                                                |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Maize</b>                        | Sowing/ cob<br>formation/<br>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.                                                                            |
| <b>Jhum Rice</b>                    | Land<br>Preparation/<br>Sowing                 |                                                       | ➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Make structures to avoid runoff in the slope,<br>➤ Sowing during clear/dry days<br>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated. □ |
| <b>Greengram and<br/>black gram</b> | Sowing stage                                   |                                                       | ➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Use certified seeds should be use to produce good yield                                                                                                                                                                            |
| <b>Fruits</b>                       |                                                |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Mandarin</b>                     | After<br>Harvesting/<br>transplanting<br>stage |                                                       | ➤ Remove water sprouts in mandarin.<br>➤ 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.<br>➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.                                                                        |
| <b>Strawberry</b>                   | Harvesting<br>stage                            | Fruit fly                                             | ➤ Harvest all mature fruits.<br>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering                                                                                                                                        |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   |                         |                          | and fruit initiation.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Vegetable</b>                                                                  |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     | KOLASIB                  | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> | MAMIT<br>AIZAWL          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       | SERCHHI                  | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         | LUNGLEI                  | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



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| <b>*Wind Direction</b>   | E               | S          | 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.**

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                                                  | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chhunga sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |
| <b>Maximum Tem. (°C):30-32°C</b><br><b>Minimum Tem. (°C):21-23°C</b><br><b>Maximum RH (%):72-98%</b><br><b>Minimum RH (%):45-78%</b><br><b>Wind Direction: Southerly</b><br><b>Cloud cover: Mainly cloudy sky</b><br><b>Wind speed: 1.92 km/hr</b><br><b>Rainfall: 00.0 mm</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-34°C a ni ang a. A vawh lai ber in 22-26°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 91-98% leh a hniam lai berin 29-69% ni tur a rin niin. Thli hi darkar khatah 3.3-8.0 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 42.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                        | <p>NDVI (Normalized Difference Vegetation Index) is a measure of vegetation health and density. The map shows varying levels of vegetation across Mizoram, with higher values (yellow/green) indicating healthier vegetation and lower values (red/brown) indicating stressed or sparse vegetation.</p>                                                                                                                                                                  | <p>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                                                 | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                      |                                                                                               |



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| Main Crop/<br>Animal<br>/Fisheries      | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                          |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Maize<br/>(Vaimim)</b>               | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | 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.    |
| <b>Tlangram<br/>buh</b>                 | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | ➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.<br>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.                                                                                                                                                                        |
| <b>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   |                                             | ➤ A chawr no/zik no paih bo tur.<br>➤ 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.                                                                                                                                               |
| <b>Strawberry</b>                       | <b>Seng hun</b>                                             | LAUNGTLA                                    | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a                                                                                                                                      |



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|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                  |                   | chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Thlai</b>                    |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> |                   | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            |                   | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       |                   | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.</li> </ul>                                                                                                                                                                                       |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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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:** Champhai

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019 | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 19           | 5          | 3          | 2            | 0          |
| <b>Max Temp (°C)</b>     | 35           | 30         | 33         | 31           | 32         |
| <b>Min Temp (°C)</b>     | 23           | 24         | 25         | 23           | 22         |
| <b>Cloud Coverage</b>    | Mainly clear | Clear sky  | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 98           | 98         | 98         | 95           | 79         |
| <b>Min RH (%)</b>        | 73           | 32         | 41         | 37           | 29         |
| <b>Wind Speed (Kmph)</b> | 3.4          | 7.5        | 6.2        | 5.4          | 6.7        |
| <b>*Wind Direction</b>   | E            | S          | 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):**26-30°C  
**Minimum Tem. (°C):** 20-22°C  
**Maximum RH (%):**68-99%  
**Minimum RH (%):**45-79%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Partially clear sky  
**Wind speed:** 1.69 km/hr

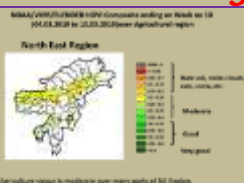
**Rainfall: 10.8 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 30-35°C and 22-25°C. Maximum relative humidity is expected in the range of 79-98% and minimum may from 29-73%. Wind direction would be easterly to southerly and southeasterly with the wind speed of 3.4-7.5 km per hour. Clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 29.0 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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Mizoram Centre, Kolasib- 796081, MIZORAM

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



| Main Crop/<br>Animal<br>/Fisheries | Stage                                              | Cultural<br>practices/<br>Pest/ Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                           |
|------------------------------------|----------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                     |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                        |
| <b>Maize</b>                       | <b>Sowing/ cob<br/>formation/<br/>mature stage</b> | <b>Fall Armyworm</b><br>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.                                                                           |
| <b>Jhum Rice</b>                   | <b>Land<br/>Preparation/<br/>Sowing</b>            | AIZAWL                                   | ➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Make structures to avoid runoff in the slope,<br>➤ Sowing during clear/dry days<br>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□ |
| <b>Fruits</b>                      |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                        |
| <b>Strawberry</b>                  | <b>Harvesting<br/>stage</b>                        | <b>Fruit fly</b><br>LUNGLEI              | ➤ Harvest all mature fruits.<br>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.                                                                                                                 |
| <b>Kiwi</b>                        | <b>Pruning/<br/>Training</b>                       | LAWNGTLAI                                | ➤ Diseased and senile branches should be removed.<br>➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.<br>➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation□                                                                     |
| <b>Vegetable</b>                   |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                        |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     |                          | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       |                          | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         |                          | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



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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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019 | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 19           | 5          | 3          | 2            | 0          |
| <b>Max Temp (°C)</b>     | 35           | 30         | 33         | 31           | 32         |
| <b>Min Temp (°C)</b>     | 23           | 24         | 25         | 23           | 22         |
| <b>Cloud Coverage</b>    | Mainly clear | Clear sky  | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 98           | 98         | 98         | 95           | 79         |
| <b>Min RH (%)</b>        | 73           | 32         | 41         | 37           | 29         |
| <b>Wind Speed (Kmph)</b> | 3.4          | 7.5        | 6.2        | 5.4          | 6.7        |
| <b>*Wind Direction</b>   | E            | S          | 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.**

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                             | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |
| <b>Maximum Tem. (°C):26-30°C</b><br><b>Minimum Tem. (°C): 20-22°C</b><br><b>Maximum RH (%):68-99%</b><br><b>Minimum RH (%):45-79%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially clear sky</b><br><b>Wind speed: 1.69 km/hr</b> | <p>Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-35°C a ni ang a. A vawh lai berin 22-25°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 79-98% leh a hniam lai berin 29-73% ni tur a rin niin. Thli hi darkar khatah 3.4-7.5 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 29.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                   | <p>Agriculture report to moderate over many parts of NE Region.</p>                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                            | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                   |                                                                                               |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



| Main Crop/<br>Animal<br>/Fisheries | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                     |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Maize<br/>(Vaimim)</b>          | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | KOLASIB                                     | ➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmang 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.    |
| <b>Tlangram<br/>buh</b>            | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Thei</b>                        |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Strawberry</b>                  | <b>Seng hun</b>                                             | LUNGLEI                                     | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                        |
| <b>Kiwi</b>                        | <b>Pruning/<br/>Training</b>                                | LAWNGTLAI                                   | ➤ Natna kai leh a tang upa ho paih bo tur.<br>➤ 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.<br>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □                                                                                      |
| <b>Thlai</b>                       |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |



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



|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               |                   | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            | AIZAWL            | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       | SEPHAKH           | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.</li> </ul>                                                                                                                                                                                        |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



# 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:

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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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019      | 05.05.2019 | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|-----------------|------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 13              | 6          | 10         | 5            | 6          |
| <b>Max Temp (°C)</b>     | 34              | 31         | 32         | 29           | 34         |
| <b>Min Temp (°C)</b>     | 23              | 25         | 26         | 22           | 21         |
| <b>Cloud Coverage</b>    | Partially clear | Clear sky  | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 94              | 98         | 98         | 97           | 93         |
| <b>Min RH (%)</b>        | 53              | 38         | 38         | 38           | 33         |
| <b>Wind Speed (Kmph)</b> | 3.2             | 7.0        | 5.2        | 4.6          | 5.2        |
| <b>*Wind Direction</b>   | E               | S-W        | 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):28-32°C**  
**Minimum Tem. (°C):22-23°C**  
**Maximum RH (%):78-98%**  
**Minimum RH (%):42-74%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Partially clear sky**  
**Wind speed: 2.05 km/hr**

**Rainfall: 22.6 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 29-34°C and 21-26°C. Maximum relative humidity is expected in the range of 93-98% and minimum may from 33-53%. Wind direction would be easterly to southwesterly to easterly and southeasterly with the wind speed of 4.6-7.0 km per hour. Partially clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 40.0 mm**

## NDVI for Mizoram

NDVI (Normalized Difference Vegetation Index) Composite images on 04th May 2019



Agro-ecoregion to moderate and 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.



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| Main Crop/<br>Animal<br>/Fisheries  | Stage                                                    | Cultural<br>practices/<br>Pest/ Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                      |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Maize</b>                        | <b>Sowing/ cob<br/>formation/<br/>mature stage</b>       | <b>Fall Armyworm</b><br>KOLASIB          | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                             |
| <b>Jhum Rice</b>                    | <b>Land<br/>Preparation/<br/>Sowing</b>                  | AIZAWL                                   | <ul style="list-style-type: none"> <li>➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Make structures to avoid runoff in the slope,</li> <li>➤ Sowing during clear/dry days</li> <li>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□</li> </ul> |
| <b>Greengram and<br/>black gram</b> | <b>Sowing stage</b>                                      | SERCHHI                                  | <ul style="list-style-type: none"> <li>➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                                                       |
| <b>Fruits</b>                       |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mandarin</b>                     | <b>After<br/>Harvesting/<br/>transplanting<br/>stage</b> | LUNGLEI                                  | <ul style="list-style-type: none"> <li>➤ Remove water sprouts in mandarin.</li> <li>➤ 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.</li> <li>➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li> </ul>                                                                             |
| <b>Strawberry</b>                   | <b>Harvesting<br/>stage</b>                              | LAWNGTLAI<br>SAI                         | <ul style="list-style-type: none"> <li>➤ Harvest all mature fruits.</li> <li>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.</li> </ul>                                                                                                                             |



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| Vegetable                                                                         |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     | KOLASIB                  | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> | MAMIT                    | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| Animal Husbandry                                                                  |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| Livestock                                                                         | Stage                   | Disease                  | Precautionary Practices to be followed                                                                                                                                                                                                                                                                                                                                   |
| <b>Poultry</b>                                                                    | <b>All age group</b>    | AIZAWL                   | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       | CHAMPAL                  | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         | SERCHHI                  | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| Fishery                                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |
|                                                                                   |                         | LUNGLEI                  |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   |                         | LAWNGTLAI                |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   |                         | SAIHA                    |                                                                                                                                                                                                                                                                                                                                                                          |



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**District:** Kolasib

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019      | 05.05.2019 | 06.05.2019 | 07.05.2019   | 08.05.2019 |
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| <b>Rainfall (mm)</b>     | 13              | 6          | 10         | 5            | 6          |
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| <b>Cloud Coverage</b>    | Partially clear | Clear sky  | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 94              | 98         | 98         | 97           | 93         |
| <b>Min RH (%)</b>        | 53              | 38         | 38         | 38           | 33         |
| <b>Wind Speed (Kmph)</b> | 3.2             | 7          | 5.2        | 4.6          | 5.2        |
| <b>*Wind Direction</b>   | E               | S-W        | 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.**

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                             | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |
| <b>Maximum Tem. (°C):28-32°C</b><br><b>Minimum Tem. (°C):22°-23°C</b><br><b>Maximum RH (%):78-98%</b><br><b>Minimum RH (%):42-74%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially clear sky</b><br><b>Wind speed: 2.05 km/hr</b> | <p>Tun ni 5 chung 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 21-26°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 93-98% leh a hniam lai berin 33-53% ni tur a rin niin. Thli hi darkar khatah 4.6-7.0 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 40.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                   | <p>NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density and health. The map shows varying levels of vegetation across Mizoram, with higher values (green) indicating denser vegetation and lower values (yellow/brown) indicating less dense vegetation.</p>                                                                                                                                                                               | <p>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                            | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                    |                                                                                               |



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| Main Crop/<br>Animal<br>/Fisheries      | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                          |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Maize<br/>(Vaimim)</b>               | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | 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.    |
| <b>Tlangram<br/>buh</b>                 | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | ➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.<br>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.                                                                                                                                                                        |
| <b>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   |                                             | ➤ A chawr no/zik no paih bo tur.<br>➤ 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.                                                                                                                                               |
| <b>Strawberry</b>                       | <b>Seng hun</b>                                             | LAUNGTLA                                    | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a                                                                                                                                      |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                  |                   | chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Thlai</b>                    |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> |                   | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            |                   | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       |                   | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.</li> </ul>                                                                                                                                                                                       |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019   | 06.05.2019 | 07.05.2019      | 08.05.2019   |
|--------------------------|--------------|--------------|------------|-----------------|--------------|
| <b>Rainfall (mm)</b>     | 7            | 11           | 9          | 4               | 0            |
| <b>Max Temp (°C)</b>     | 34           | 34           | 32         | 28              | 32           |
| <b>Min Temp (°C)</b>     | 25           | 26           | 26         | 23              | 22           |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly clear | Clear sky  | Partially clear | Mainly clear |
| <b>Max RH (%)</b>        | 92           | 97           | 96         | 98              | 83           |
| <b>Min RH (%)</b>        | 32           | 33           | 33         | 33              | 29           |
| <b>Wind Speed (Kmph)</b> | 4.5          | 7.5          | 5.1        | 4.9             | 5.0          |
| <b>*Wind Direction</b>   | E            | 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):27-31°C**  
**Minimum Tem. (°C):21-24°C**  
**Maximum RH (%):85-98%**  
**Minimum RH (%):48-79%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Partially clear sky**  
**Wind speed: 1.84 km/hr**

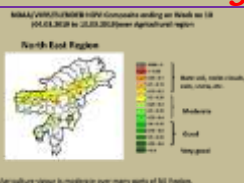
**Rainfall: 08.2 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 28-34°C and 22-26°C. Maximum relative humidity is expected in the range of 83-98% and minimum may from 29-33%. Wind direction would be easterly with the wind speed of 4.5-7.5 km per hour. Mainly clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 31.0 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/<br>Animal<br>/Fisheries  | Stage                                                    | Cultural<br>practices/<br>Pest/ Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                      |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Maize</b>                        | <b>Sowing/ cob<br/>formation/<br/>mature stage</b>       | <b>Fall Armyworm</b><br>KOLASIB          | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                             |
| <b>Jhum Rice</b>                    | <b>Land<br/>Preparation/<br/>Sowing</b>                  | AIZAWL                                   | <ul style="list-style-type: none"> <li>➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Make structures to avoid runoff in the slope,</li> <li>➤ Sowing during clear/dry days</li> <li>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□</li> </ul> |
| <b>Greengram and<br/>black gram</b> | <b>Sowing stage</b>                                      | SERCHHI                                  | <ul style="list-style-type: none"> <li>➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                                                       |
| <b>Fruits</b>                       |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Mandarin</b>                     | <b>After<br/>Harvesting/<br/>transplanting<br/>stage</b> | LUNGLEI                                  | <ul style="list-style-type: none"> <li>➤ Remove water sprouts in mandarin.</li> <li>➤ 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.</li> <li>➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li> </ul>                                                                             |
| <b>Strawberry</b>                   | <b>Harvesting<br/>stage</b>                              | LAWNGTLAI<br>SAI                         | <ul style="list-style-type: none"> <li>➤ Harvest all mature fruits.</li> <li>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.</li> </ul>                                                                                                                             |



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| Vegetable                                                                         |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     | KOLASIB                  | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> | MAMIT                    | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| Animal Husbandry                                                                  |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| Livestock                                                                         | Stage                   | Disease                  | Precautionary Practices to be followed                                                                                                                                                                                                                                                                                                                                   |
| <b>Poultry</b>                                                                    | <b>All age group</b>    | AIZAWL                   | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       | CHAMPAL                  | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         | SERCHHI                  | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| Fishery                                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |
|                                                                                   |                         | LUNGLEI                  |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   |                         | LAWNGTLAI                |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   |                         | SAIHA                    |                                                                                                                                                                                                                                                                                                                                                                          |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



**District:** Lawngtlai

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019   | 06.05.2019 | 07.05.2019      | 08.05.2019   |
|--------------------------|--------------|--------------|------------|-----------------|--------------|
| <b>Rainfall (mm)</b>     | 7            | 11           | 9          | 4               | 0            |
| <b>Max Temp (°C)</b>     | 34           | 34           | 32         | 28              | 32           |
| <b>Min Temp (°C)</b>     | 25           | 26           | 26         | 23              | 22           |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly clear | Clear sky  | Partially clear | Mainly clear |
| <b>Max RH (%)</b>        | 92           | 97           | 96         | 98              | 83           |
| <b>Min RH (%)</b>        | 32           | 33           | 33         | 33              | 29           |
| <b>Wind Speed (Kmph)</b> | 4.5          | 7.5          | 5.1        | 4.9             | 5            |
| <b>*Wind Direction</b>   | E            | 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.**

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                                                            | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |
| <b>Maximum Tem. (°C):27-31°C</b><br><b>Minimum Tem. (°C):21-24°C</b><br><b>Maximum RH (%):85-98%</b><br><b>Minimum RH (%):48-79%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially clear sky</b><br><b>Wind speed: 1.84 km/hr</b><br><br><b>Rainfall: 08.2 mm</b> | <p>Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-34°C a ni ang a. A vawh lai berin 22-26°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 83-98% leh a hniam lai berin 29-33% ni tur a rin niin. Thli hi darkar khatah 4.5-7.5 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 31.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                                  |  <p>NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density. The map shows the distribution of NDVI values across Mizoram, with higher values indicating denser vegetation.</p>                                                                                                                                                                           | <p>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                                                           | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                   |                                                                                               |



# 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/<br>Animal<br>/Fisheries      | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                  |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                          |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Maize<br/>(Vaimim)</b>               | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | 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.     |
| <b>Tlangram<br/>buh</b>                 | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | ➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.<br>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.                                                                                                                                                                         |
| <b>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   |                                             | ➤ A chawr no/zik no paih bo tur.<br>➤ 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.                                                                                                                                                |
| <b>Strawberry</b>                       | <b>Seng hun</b>                                             | LAUNGTLA                                    | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a                                                                                                                                      |



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|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                  |                   | chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Thlai</b>                    |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               |                   | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> |                   | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            |                   | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       |                   | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.</li> </ul>                                                                                                                                                                                       |
| <b>Bawng</b>                    |                                                  |                   | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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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:** Lunglei

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019      | 05.05.2019   | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|-----------------|--------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 24              | 13           | 13         | 5            | 2          |
| <b>Max Temp (°C)</b>     | 35              | 37           | 33         | 31           | 33         |
| <b>Min Temp (°C)</b>     | 26              | 27           | 28         | 24           | 24         |
| <b>Cloud Coverage</b>    | Partially clear | Mainly clear | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 95              | 98           | 97         | 97           | 86         |
| <b>Min RH (%)</b>        | 44              | 35           | 37         | 37           | 31         |
| <b>Wind Speed (Kmph)</b> | 4.1             | 8.1          | 5.3        | 5.2          | 5.4        |
| <b>*Wind Direction</b>   | E               | 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):**24-29°C  
**Minimum Tem. (°C):**18-20°C  
**Maximum RH (%):**81-99%  
**Minimum RH (%):**45-74%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Mainly clear sky  
**Wind speed:** 1.84 km/hr

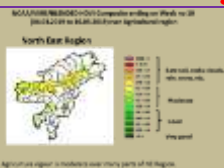
**Rainfall: 12.8 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 31-37°C and 24-28°C. Maximum relative humidity is expected in the range of 86-98% and minimum may from 31-44%. Wind direction would be easterly to southeasterly and easterly with the wind speed of 4.1-8.1 km per hour. Mainly clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 57.0 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/<br>Animal<br>/Fisheries | Stage                                              | Cultural<br>practices/<br>Pest/ Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                     |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Maize</b>                       | <b>Sowing/ cob<br/>formation/<br/>mature stage</b> | <b>Fall Armyworm</b><br>KOLASIB          | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                             |
| <b>Jhum Rice</b>                   | <b>Land<br/>Preparation/<br/>Sowing</b>            | AIZAWL                                   | <ul style="list-style-type: none"> <li>➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Make structures to avoid runoff in the slope,</li> <li>➤ Sowing during clear/dry days</li> <li>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.□</li> </ul> |
| <b>Fruits</b>                      |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Strawberry</b>                  | <b>Harvesting<br/>stage</b>                        | <b>Fruit fly</b><br>SERCHHIP             | <ul style="list-style-type: none"> <li>➤ Harvest all mature fruits.</li> <li>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.</li> </ul>                                                                                                                             |
| <b>Kiwi</b>                        | <b>Pruning/<br/>Training</b>                       | LUNGLEI                                  | <ul style="list-style-type: none"> <li>➤ Diseased and senile branches should be removed.</li> <li>➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</li> <li>➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation□</li> </ul>                                                                           |
| <b>Vegetable</b>                   |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                                                                                            |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     |                          | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       |                          | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         |                          | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



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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:** Lunglei

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019      | 05.05.2019   | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|-----------------|--------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 24              | 13           | 13         | 5            | 2          |
| <b>Max Temp (°C)</b>     | 35              | 37           | 33         | 31           | 33         |
| <b>Min Temp (°C)</b>     | 26              | 27           | 28         | 24           | 24         |
| <b>Cloud Coverage</b>    | Partially clear | Mainly clear | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 95              | 98           | 97         | 97           | 86         |
| <b>Min RH (%)</b>        | 44              | 35           | 37         | 37           | 31         |
| <b>Wind Speed (Kmph)</b> | 4.1             | 8.1          | 5.3        | 5.2          | 5.4        |
| <b>*Wind Direction</b>   | E               | 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.**

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                         | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungga sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Maximum Tem. (°C):24-29°C</b><br><b>Minimum Tem. (°C):18-20°C</b><br><b>Maximum RH (%):81-99%</b><br><b>Minimum RH (%):45-74%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Mainly clear sky</b><br><b>Wind speed: 1.84 km/hr</b> | <p>Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 31-37°C a ni ang a. A vawh lai ber in 24-28°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 86-98% leh a hniam lai berin 31-44% ni tur a rin niin. Thli hi darkar khatah 4.1-8.1 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 57.0 mm</b></p> |  |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                               | <p><small>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</small></p>                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>General recommendations</b>                                                                                                                                                                                                                        | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                    |  |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



| Main Crop/<br>Animal<br>/Fisheries | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                     |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Maize<br/>(Vaimim)</b>          | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | KOLASIB                                     | ➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmang 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.    |
| <b>Tlangram<br/>buh</b>            | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Thei</b>                        |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Strawberry</b>                  | <b>Seng hun</b>                                             | LUNGLEI                                     | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                        |
| <b>Kiwi</b>                        | <b>Pruning/<br/>Training</b>                                | LAWNGTLAI                                   | ➤ Natna kai leh a tang upa ho paih bo tur.<br>➤ 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.<br>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □                                                                                      |
| <b>Thlai</b>                       |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               |                   | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            | AIZAWL            | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       | SEPHAKH           | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.</li> </ul>                                                                                                                                                                                        |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



# 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,  
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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:** Mamit

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019 | 06.05.2019   | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|------------|--------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 16           | 3          | 12           | 2            | 0          |
| <b>Max Temp (°C)</b>     | 34           | 32         | 32           | 29           | 35         |
| <b>Min Temp (°C)</b>     | 24           | 26         | 27           | 24           | 23         |
| <b>Cloud Coverage</b>    | Mainly clear | Clear sky  | Mainly clear | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 94           | 97         | 98           | 97           | 95         |
| <b>Min RH (%)</b>        | 56           | 39         | 37           | 38           | 32         |
| <b>Wind Speed (Kmph)</b> | 3.5          | 9.7        | 5.5          | 5.9          | 6.9        |
| <b>*Wind Direction</b>   | E            | S          | S-E          | S-E          | 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):**30-33°C  
**Minimum Tem. (°C):**24-25°C  
**Maximum RH (%):**81-98%  
**Minimum RH (%):**59-79%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Partially clear sky  
**Wind speed:** 2.15 km/hr

**Rainfall: 18.5 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 29-35°C and 23-27°C. Maximum relative humidity is expected in the range of 94-98% and minimum may from 32-56%. Wind direction would be easterly to southerly to southeasterly and southerly with the wind speed of 3.5-9.7 km per hour. Mainly clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 33.0 mm**

## NDVI for Mizoram

NOAA/VIRS/BIENED 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



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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/<br>Animal<br>/ Fisheries | Stage                                          | Cultural<br>practices/<br>Pest/ Diseases              | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                            |
| <b>Cereals</b>                      |                                                |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Maize</b>                        | Sowing/ cob<br>formation/<br>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.                                                                            |
| <b>Jhum Rice</b>                    | Land<br>Preparation/<br>Sowing                 |                                                       | ➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Make structures to avoid runoff in the slope,<br>➤ Sowing during clear/dry days<br>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated. □ |
| <b>Greengram and<br/>black gram</b> | Sowing stage                                   |                                                       | ➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Use certified seeds should be use to produce good yield                                                                                                                                                                            |
| <b>Fruits</b>                       |                                                |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Mandarin</b>                     | After<br>Harvesting/<br>transplanting<br>stage |                                                       | ➤ Remove water sprouts in mandarin.<br>➤ 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.<br>➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.                                                                        |
| <b>Strawberry</b>                   | Harvesting<br>stage                            | Fruit fly                                             | ➤ Harvest all mature fruits.<br>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering                                                                                                                                        |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   |                         |                          | and fruit initiation.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Vegetable</b>                                                                  |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     | KOLASIB                  | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> | MAMIT<br>AIZAWL          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       | SERCHHI                  | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         | LUNGLEI                  | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



# 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:** Mamit

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019 | 06.05.2019   | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|------------|--------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 16           | 3          | 12           | 2            | 0          |
| <b>Max Temp (°C)</b>     | 34           | 32         | 32           | 29           | 35         |
| <b>Min Temp (°C)</b>     | 24           | 26         | 27           | 24           | 23         |
| <b>Cloud Coverage</b>    | Mainly clear | Clear sky  | Mainly clear | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 94           | 97         | 98           | 97           | 95         |
| <b>Min RH (%)</b>        | 56           | 39         | 37           | 38           | 32         |
| <b>Wind Speed (Kmph)</b> | 3.5          | 9.7        | 5.5          | 5.9          | 6.9        |
| <b>*Wind Direction</b>   | E            | S          | S-E          | S-E          | 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):30-33°C**  
**Minimum Tem. (°C):24-25°C**  
**Maximum RH (%):81-98%**  
**Minimum RH (%):59-79%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Partially clear sky**  
**Wind speed: 2.15 km/hr**

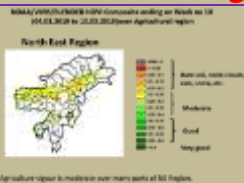
**Rainfall: 18.5 mm**

## 04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui

Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-35°C a ni ang a. A vawh lai berin 23-27°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 94-98% leh a hniam lai berin 32-56% ni tur a rin niin. Thli hi darkar khatah 3.5-9.7 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: 33.0 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/<br>Animal<br>/Fisheries      | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                  |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                          |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Maize<br/>(Vaimim)</b>               | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | 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.     |
| <b>Tlangram<br/>buh</b>                 | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | ➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.<br>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.                                                                                                                                                                         |
| <b>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   |                                             | ➤ A chawr no/zik no paih bo tur.<br>➤ 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.                                                                                                                                                |
| <b>Strawberry</b>                       | <b>Seng hun</b>                                             | LAUNGTLA                                    | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a                                                                                                                                       |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                  |                   | chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Thlai</b>                    |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> |                   | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            |                   | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       |                   | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.</li> </ul>                                                                                                                                                                                       |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019      | 06.05.2019 | 07.05.2019      | 08.05.2019   |
|--------------------------|--------------|-----------------|------------|-----------------|--------------|
| <b>Rainfall (mm)</b>     | 15           | 15              | 5          | 3               | 0            |
| <b>Max Temp (°C)</b>     | 34           | 33              | 32         | 29              | 33           |
| <b>Min Temp (°C)</b>     | 24           | 25              | 24         | 24              | 22           |
| <b>Cloud Coverage</b>    | Mainly clear | Partially clear | Clear sky  | Partially clear | Mainly clear |
| <b>Max RH (%)</b>        | 96           | 98              | 95         | 96              | 78           |
| <b>Min RH (%)</b>        | 40           | 34              | 35         | 34              | 29           |
| <b>Wind Speed (Kmph)</b> | 4.7          | 6.5             | 4.8        | 5.0             | 5.4          |
| <b>*Wind Direction</b>   | E            | 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):26-30°C**  
**Minimum Tem. (°C):20-22°C**  
**Maximum RH (%):85-98%**  
**Minimum RH (%):48-75%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Mainly clear sky**  
**Wind speed: 2.15 km/hr**

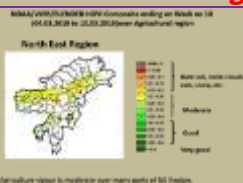
**Rainfall: 08.9 mm**

## Weather forecast valid from 04<sup>th</sup>May, 2019 To 08<sup>th</sup>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 29-34°C and 22-25°C. Maximum relative humidity is expected in the range of 78-98% and minimum may from 29-40%. Wind direction would be easterly to southeasterly and easterly with the wind speed of 4.7-6.5 km per hour. Mainly clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 38.0 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



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Mizoram Centre, Kolasib- 796081, MIZORAM

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|                                     |                                           | ✚ Check of vaccination schedule in poultry/livestock. |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Crop/<br>Animal<br>/ Fisheries | Stage                                     | Cultural<br>practices/<br>Pest/ Diseases              | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                            |
| <b>Cereals</b>                      |                                           |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Maize</b>                        | Sowing/ cob<br>formation/<br>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.                                                                            |
| <b>Jhum Rice</b>                    | Land<br>Preparation/<br>Sowing            |                                                       | ➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.<br>➤ Make structures to avoid runoff in the slope,<br>➤ Sowing during clear/dry days<br>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated. □ |
| <b>Fruits</b>                       |                                           |                                                       |                                                                                                                                                                                                                                                                                                                                         |
| <b>Strawberry</b>                   | Harvesting<br>stage                       | Fruit fly                                             | ➤ Harvest all mature fruits.<br>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.                                                                                                                  |
| <b>Kiwi</b>                         | Pruning/<br>Training                      |                                                       | ➤ Diseased and senile branches should be removed.<br>➤ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.<br>➤ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation □                                                                     |
| <b>Vegetable</b>                    |                                           |                                                       |                                                                                                                                                                                                                                                                                                                                         |



# 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)



|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     |                          | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       |                          | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         |                          | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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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:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019      | 06.05.2019 | 07.05.2019      | 08.05.2019   |
|--------------------------|--------------|-----------------|------------|-----------------|--------------|
| <b>Rainfall (mm)</b>     | 15           | 15              | 5          | 3               | 0            |
| <b>Max Temp (°C)</b>     | 34           | 33              | 32         | 29              | 33           |
| <b>Min Temp (°C)</b>     | 24           | 25              | 24         | 24              | 22           |
| <b>Cloud Coverage</b>    | Mainly clear | Partially clear | Clear sky  | Partially clear | Mainly clear |
| <b>Max RH (%)</b>        | 96           | 98              | 95         | 96              | 78           |
| <b>Min RH (%)</b>        | 40           | 34              | 35         | 34              | 29           |
| <b>Wind Speed (Kmph)</b> | 4.7          | 6.5             | 4.8        | 5.0             | 5.4          |
| <b>*Wind Direction</b>   | E            | 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):26-30°C**  
**Minimum Tem. (°C):20-22°C**  
**Maximum RH (%):85-98%**  
**Minimum RH (%):48-75%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Mainly clear sky**  
**Wind speed: 2.15 km/hr**

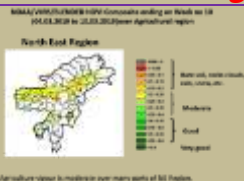
**Rainfall: 08.9 mm**

## 04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui

Tun ni 4 chung 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 22-25°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 78-98% leh a hniam lai berin 29-40% ni tur a rin niin. Thli hi darkar khatah 4.7-6.5 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: 38.0 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/<br>Animal<br>/Fisheries | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                     |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Maize<br/>(Vaimim)</b>          | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | KOLASIB                                     | ➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmang 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.    |
| <b>Tlangram<br/>buh</b>            | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thiang tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Thei</b>                        |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |
| <b>Strawberry</b>                  | <b>Seng hun</b>                                             | LUNGLEI                                     | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jegger 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                        |
| <b>Kiwi</b>                        | <b>Pruning/<br/>Training</b>                                | LAWNGTLAI                                   | ➤ Natna kai leh a tang upa ho paih bo tur.<br>➤ 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.<br>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □                                                                                      |
| <b>Thlai</b>                       |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                              |



# 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)



|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               |                   | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            | AIZAWL            | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       | SEPHAKH           | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.</li> </ul>                                                                                                                                                                                        |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



**District:** Serchhip

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/English

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019   | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|--------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 24           | 6            | 10         | 3            | 2          |
| <b>Max Temp (°C)</b>     | 34           | 30           | 33         | 30           | 32         |
| <b>Min Temp (°C)</b>     | 26           | 26           | 26         | 23           | 22         |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly clear | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 98           | 99           | 98         | 97           | 93         |
| <b>Min RH (%)</b>        | 73           | 38           | 41         | 39           | 31         |
| <b>Wind Speed (Kmph)</b> | 3.3          | 8.0          | 5.4        | 4.9          | 6.1        |
| <b>*Wind Direction</b>   | E            | S            | E          | S-E          | E          |

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

| Weather summary of the past three days                                                                                                                                                                                                                                                |              | Weather forecast valid from 04 <sup>th</sup> May, 2019 To 08 <sup>th</sup> May, 2019.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):27-30°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):82-97%</b><br><b>Minimum RH (%):52-78%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Mainly clear sky</b><br><b>Wind speed: 1.42 km/hr</b><br><br><b>Rainfall: 07.5 mm</b> |              | <p>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 30-34°C and 22-26°C. Maximum relative humidity is expected in the range of 93-99% and minimum may from 31-73%. Wind direction would be easterly to southerly to easterly to southeasterly and easterly with the wind speed of 3.3-8.0 km per hour. Mainly clear sky will prevail during the next five days.</p> <p><b>Weekly cumulative rainfall: 45.0 mm</b></p> |                                                                                             |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                               |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                                                        |              | <p>Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers.</p> <ul style="list-style-type: none"> <li>✚ Harvest all mature crops and proper sun dry for preservation of seed.</li> <li>✚ Application of fertilizers/manure can be done during clear/dry days</li> <li>✚ Check of vaccination schedule in poultry/livestock.</li> </ul>                                                                                                            |                                                                                             |
| <b>Main Crop/</b>                                                                                                                                                                                                                                                                     | <b>Stage</b> | <b>Cultural</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Agricultural / Horticultural/ animal</b>                                                 |



# GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



| Animal / Fisheries              |                                              | practices/ Pest/ Diseases | husbandry advisories                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                  |                                              |                           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Maize</b>                    | <b>Sowing/ cob formation/ mature stage</b>   | <b>Fall Armyworm</b>      | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                              |
| <b>Jhum Rice</b>                | <b>Land Preparation/ Sowing</b>              |                           | <ul style="list-style-type: none"> <li>➤ Jhum land may be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Make structures to avoid runoff in the slope,</li> <li>➤ Sowing during clear/dry days</li> <li>➤ Intercropping of leguminous crops (cowpea /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated. □</li> </ul> |
| <b>Greengram and black gram</b> | <b>Sowing stage</b>                          |                           | <ul style="list-style-type: none"> <li>➤ Land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                                                        |
| <b>Fruits</b>                   |                                              |                           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Mandarin</b>                 | <b>After Harvesting/ transplanting stage</b> |                           | <ul style="list-style-type: none"> <li>➤ Remove water sprouts in mandarin.</li> <li>➤ 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.</li> <li>➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li> </ul>                                                                              |
| <b>Strawberry</b>               | <b>Harvesting stage</b>                      | <b>Fruit fly</b>          | <ul style="list-style-type: none"> <li>➤ Harvest all mature fruits.</li> <li>➤ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.</li> </ul>                                                                                                                              |
| <b>Vegetable</b>                |                                              |                           |                                                                                                                                                                                                                                                                                                                                                                                                             |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops</b> (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd) | <b>Sowing stage</b>     |                          | <ul style="list-style-type: none"> <li>➤ Jhum land should be ploughed thoroughly to sow the seed with the help of first pre monsoon shower.</li> <li>➤ Use certified seeds should be use to produce good yield</li> </ul>                                                                                                                                                |
| <b>Cowpea/ Bhindi</b>                                                             | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ No irrigation will be required. Maintain good drainage in the field to avoid stagnant water.</li> <li>➤ Postpone application of mixed fertilizer, N-P-K, 19-19-19 as foliar spray for next one or two days due to rain.</li> </ul>                                                                                              |
| <b>Animal Husbandry</b>                                                           |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Livestock</b>                                                                  | <b>Stage</b>            | <b>Disease</b>           | <b>Precautionary Practices to be followed</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Poultry</b>                                                                    | <b>All age group</b>    |                          | <ul style="list-style-type: none"> <li>➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age</li> </ul>                                                                                                                                                                                                                                  |
| <b>Pig</b>                                                                        | <b>All stages</b>       |                          | <ul style="list-style-type: none"> <li>✚ The bedding is always.</li> <li>✚ If possible wooden sleeping box should be provided.</li> <li>✚ Provide artificial heat source to new born piglets.</li> </ul>                                                                                                                                                                 |
| <b>Cow</b>                                                                        |                         |                          | <ul style="list-style-type: none"> <li>✚ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.</li> <li>✚ Full hand milking should be practiced.</li> <li>✚ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.</li> </ul> |
| <b>Fishery</b>                                                                    |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                   | <b>Pond renovation</b>  | <b>Bacterial disease</b> | <ul style="list-style-type: none"> <li>✚ To avoid bacterial disease liming should be done @10kg/Bigha.</li> <li>✚ FYM 2400 kg and Lime 80 kg per bigha may be applied in new constructed pond.</li> </ul>                                                                                                                                                                |



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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:** Serchhip

**Period:** 04<sup>th</sup>May-08<sup>th</sup> May, 2019

**Bulletin No:** - 876/2019/ Bulletin/Mizo

**Date of issue:** 03<sup>rd</sup>May, 2019

| Parameters               | 04.05.2019   | 05.05.2019   | 06.05.2019 | 07.05.2019   | 08.05.2019 |
|--------------------------|--------------|--------------|------------|--------------|------------|
| <b>Rainfall (mm)</b>     | 24           | 6            | 10         | 3            | 2          |
| <b>Max Temp (°C)</b>     | 34           | 30           | 33         | 30           | 32         |
| <b>Min Temp (°C)</b>     | 26           | 26           | 26         | 23           | 22         |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly clear | Clear sky  | Mainly clear | Clear sky  |
| <b>Max RH (%)</b>        | 98           | 99           | 98         | 97           | 93         |
| <b>Min RH (%)</b>        | 73           | 38           | 41         | 39           | 31         |
| <b>Wind Speed (Kmph)</b> | 3.3          | 8            | 5.4        | 4.9          | 6.1        |
| <b>*Wind Direction</b>   | E            | S            | E          | S-E          | E          |

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

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                         | <b>04<sup>th</sup>May-08<sup>th</sup> May, 2019 chungsa sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |
| <b>Maximum Tem. (°C):27-30°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):82-97%</b><br><b>Minimum RH (%):52-78%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Mainly clear sky</b><br><b>Wind speed: 1.42 km/hr</b> | <p>Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-34°C a ni ang a. A vawh lai ber in 22-26°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 93-99% leh a hniam lai berin 31-73% ni tur a rin niin. Thli hi darkar khatah 3.3-8.0 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 45.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                               |  <p>North-East Region</p> <p>0.4 to 0.5: Low<br/>0.5 to 0.6: Moderate<br/>0.6 to 0.7: Good<br/>0.7 to 0.8: Very good</p> <p>Agriculture report to moderate over many parts of NE Region.</p>                                                                                                                                                                                        | <p>Mizoram district tinin boruak huh leh hnawng lam/boruak tlem a hul a dawng theuh a ni.</p> |
| <b>General recommendations</b>                                                                                                                                                                                                                        | <p>Ruahtui tlak theihna asang hle a, temperature pawh a hniam rin a ni. Hetiang hian loneitu te lo inhmakhua tur:</p> <ul style="list-style-type: none"> <li>✚ Thlai rah hmin tawh te chu seng vek tur, nisa ah tha taka pho ro a a chi tura dah that tur a ni.</li> <li>✚ Tunkar chhovah ruahtuih tlak theihna a san avangin thlai tui pek, leitha pek hun sawn tur a ni.</li> <li>✚ Ran nei te tan vaccination lak hun check nawn tur.</li> </ul>                    |                                                                                               |



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| Main Crop/<br>Animal<br>/Fisheries      | Stage                                                       | Cultural<br>practices/<br>Pest/<br>Diseases | Agricultural / Horticultural/ animal<br>husbandry advisories                                                                                                                                                                                                                                                                                  |
|-----------------------------------------|-------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cereals</b>                          |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Maize<br/>(Vaimim)</b>               | <b>Tuh hun/ a<br/>kawm insiam<br/>hun/a puitlin<br/>hun</b> | 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.     |
| <b>Tlangram<br/>buh</b>                 | <b>A hmun hma<br/>siam dan/<br/>Chi tuh</b>                 | AIZAWL                                      | ➤ Fur ruahtui tlak hma ngei in tlangram lo te chu a chi thehna turin hneh taka chawh phut tur a ni.<br>➤ Ruahtui luangliam mai tur dal na tur tha tak siam tur a ni.<br>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.<br>➤ Lei siam tha thei chi thlai (behlawi emaw bekang) tlar 2 emaw 3 vel chu buh inkar ah chin tur a ni. □ |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | ➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.<br>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.                                                                                                                                                                         |
| <b>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                               |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   |                                             | ➤ A chawr no/zik no paih bo tur.<br>➤ 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.                                                                                                                                                |
| <b>Strawberry</b>                       | <b>Seng hun</b>                                             | LAUNGTLA                                    | ➤ A hmin zawng seng vek tur.<br>➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a                                                                                                                                      |



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|                                 |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                  |                   | chhuah tirhin kar 2 danah zel spray tur a ni.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Thlai</b>                    |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mai /Um ei<br/>chi ho</b>    | <b>Chi tuh hun</b>                               | KOLASIB           | <ul style="list-style-type: none"> <li>➤ Fur ruahtui tlak tak tak hma in a chi tuhna hmun tur lei chu hneh taka chawh phut tur a ni.</li> <li>➤ Tam tak thar chhuah a nih theih nan certified seed chiah hman tur.</li> </ul>                                                                                                                                                                                                    |
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> |                   | <ul style="list-style-type: none"> <li>➤ Tui pek a ngailo. Huana tui a tlin lohna turin tui tling paihchhuahna tha tak siam ni se.</li> <li>➤ 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.</li> </ul>                                                                                                                          |
| <b>Animal Husbandry</b>         |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ran</b>                      | <b>In dawt chhoh<br/>dan</b>                     | <b>Natna</b>      | <b>Natna laka inven theihna tur atana zawm tur te</b>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ar (Poultry)</b>             | <b>Eng kum<br/>(age) tan<br/>pawh</b>            |                   | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>                                                                                                                                                                                                                               |
| <b>Vawk (Pig)</b>               | <b>Eng hun ah<br/>pawh</b>                       |                   | <ul style="list-style-type: none"> <li>✚ An mut hmun hi a pawimawh hle.</li> <li>✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se.</li> <li>✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.</li> </ul>                                                                                                                                                                                       |
| <b>Bawng</b>                    |                                                  | LUNGLEI           | <ul style="list-style-type: none"> <li>✚ A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni.</li> <li>✚ A hnute sawr dan thin full hand milking chu hman tur a ni.</li> <li>✚ 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.</li> </ul> |
| <b>Sangha</b>                   |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                 | <b>Tuikhuah<br/>siamthar/sia<br/>mthat</b>       | <b>Hrik natna</b> | <ul style="list-style-type: none"> <li>✚ Bacteria natna laka an him theih nan chinai al @10kg/Bigha hman tur a ni</li> <li>✚ FYM 2400 kg leh Lime 80 kg per bigha chu tuikhuah siam thar ah chuan chhun luh tur a ni.</li> </ul>                                                                                                                                                                                                 |



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