



# 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:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 3          | 4               | 21            | 46            | 38            |
| <b>Max Temp (°C)</b>     | 32         | 32              | 29            | 28            | 28            |
| <b>Min Temp (°C)</b>     | 21         | 21              | 20            | 20            | 20            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 95         | 95              | 97            | 98            | 98            |
| <b>Min RH (%)</b>        | 33         | 32              | 39            | 55            | 73            |
| <b>Wind Speed (Kmph)</b> | 4.7        | 4.6             | 5             | 5.5           | 4.9           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                                                            | <b>01<sup>st</sup>June–05<sup>th</sup>June, 2019 chhunga sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |
| <b>Maximum Tem. (°C):26-29°C</b><br><b>Minimum Tem. (°C):15-19°C</b><br><b>Maximum RH (%):92-98%</b><br><b>Minimum RH (%):64-91%</b><br><b>Wind Direction: Southwesterly</b><br><b>Cloud cover: Partially clear sky</b><br><b>Wind speed: 2.32 km/hr</b><br><br><b>Rainfall: 48.3 mm</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 20-21°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 95-98% leh a hniam lai berin 33-73% ni tur a rin niin. Thli hi darkar khatah 4.6-5.5 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: 112.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                                  | <p><small>NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density and health. It is calculated using satellite data. The map shows the distribution of NDVI values across Mizoram, with a legend indicating the following categories: Very Low, Low, Moderate, Good, and Very Good.</small></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                                     | <ul style="list-style-type: none"> <li>➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh gian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.</li> </ul> |
| <b>Tlangram buh</b>                                                    | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Thei</b>                                                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sawhthing<br/>(Ginger)</b>                                          | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                            |
| <b>Kiwi</b>                                                            | <b>Pruning/<br/>Training</b>                                |                                             | <ul style="list-style-type: none"> <li>➤ Natna kai leh a tang upa ho paih bo tur.</li> <li>➤ 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.</li> <li>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □</li> </ul>                                                                       |
| <b>Thlai</b>                                                           |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtawk)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b>         | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh</li> </ul>                                                                                                                                                |



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|                                  |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                                  |                   | na turin a bul leh a vel te thlawhfai tur.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Behlawi/<br/>bawrh saiabe</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 feritilizer 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>                       | SEICHHEI          | <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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**District:** Serchhip

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019      | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|-----------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 11              | 10              | 28            | 62            | 53            |
| <b>Max Temp (°C)</b>     | 34              | 33              | 29            | 26            | 26            |
| <b>Min Temp (°C)</b>     | 24              | 23              | 23            | 22            | 22            |
| <b>Cloud Coverage</b>    | Partially clear | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99              | 96              | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 38              | 37              | 57            | 69            | 92            |
| <b>Wind Speed (Kmph)</b> | 4.8             | 4.6             | 3.4           | 4.5           | 3.6           |
| <b>*Wind Direction</b>   | S-E             | E               | E             | S-E           | S-E           |

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

## Weather summary of the past three days

**Maximum Tem. (°C):**28-30°C  
**Minimum Tem. (°C):**18-21°C  
**Maximum RH (%):**92-98%  
**Minimum RH (%):**62-84%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Partially clear sky  
**Wind speed:** 1.98 km/hr

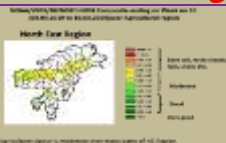
**Rainfall:** 57.3 mm

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy and moderate rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 26-34°C and 23-24°C. Maximum relative humidity is expected in the range of 96-99% and minimum may from 37-92%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 3.4-4.8 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 164.0 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>Germination<br/>stage</b>                             | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.</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/cash crop</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>Turmeric and<br/>ginger</b>      | <b>Sowing<br/>stage</b>                                  | LAWNGTIAI<br>SAIHA                       | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                  |
| <b>Vegetable</b>                    |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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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|                                |   |                               |                                                                            |
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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:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019      | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|-----------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 11              | 10              | 28            | 62            | 53            |
| <b>Max Temp (°C)</b>     | 34              | 33              | 29            | 26            | 26            |
| <b>Min Temp (°C)</b>     | 24              | 23              | 23            | 22            | 22            |
| <b>Cloud Coverage</b>    | Partially clear | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99              | 96              | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 38              | 37              | 57            | 69            | 92            |
| <b>Wind Speed (Kmph)</b> | 4.8             | 4.6             | 3.4           | 4.5           | 3.6           |
| <b>*Wind Direction</b>   | S-E             | E               | 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                                                                                                                                                                                                                   | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):28-30°C</b><br><b>Minimum Tem. (°C):18-21°C</b><br><b>Maximum RH (%):92-98%</b><br><b>Minimum RH (%):62-84%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially clear sky</b><br><b>Wind speed: 1.98 km/hr</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 26-34°C a ni ang a. A vawh lai ber in 23-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 96-99% leh a hniam lai berin 37-92% ni tur a rin niin. Thli hi darkar khatah 3.4-4.8 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 164.0 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 that the central and southern parts of Mizoram have higher NDVI values, indicating better vegetation health and density compared to the northern parts.</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                                     | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul> |
| <b>Tlangram buh</b>                     | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | SEI                                         | <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>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ A chawr no/zik no paih bo tur.</li> <li>➤ 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.</li> </ul>                                                                                                                                      |
| <b>Sawhthing<br/>(Ginger)</b>           | <b>Chi tuh hun</b>                                          | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Khaw thieng tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                              |
| <b>Thlai</b>                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                                                       |                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtaw)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b> |                   | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai 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 ngaihtuhsak 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>                                                                                                                                                                                                 |



# 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:** Aizawl

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 11           | 18            | 28            | 59            | 51            |
| <b>Max Temp (°C)</b>     | 32           | 32            | 29            | 28            | 28            |
| <b>Min Temp (°C)</b>     | 21           | 21            | 20            | 20            | 20            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 98           | 99            | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 36           | 42            | 58            | 88            | 87            |
| <b>Wind Speed (Kmph)</b> | 4.1          | 4.0           | 2.9           | 3.6           | 3.3           |
| <b>*Wind Direction</b>   | S-E          | S-E           | S-E           | S-E           | S-E           |

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

| Weather summary of the past three days                                                                                                                                                                                                                                                | Weather forecast valid from 01 <sup>st</sup> June, 2019 To 05 <sup>th</sup> June, 2019.                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):29-31°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):96-100%</b><br><b>Minimum RH (%):61-75%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially Clear sky</b><br><b>Wind speed: 2.64 km/hr</b><br><b>Rainfall: 25.3 mm</b> | There are chances of heavy to very heavy and medium rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 20-21°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 36-88%. Wind direction would be southeasterly with the wind speed of 2.9-4.1 km per hour. Mainly cloudy sky will prevail during the next five days.<br><b>Weekly cumulative rainfall: 167.0 mm</b> |                                                                                      |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram. |
| <b>General recommendations</b>                                                                                                                                                                                                                                                        | Possibility of rainfall will be high and temperature will be less. Following general measures should be taken by farmers. <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>                                                                     |                                                                                      |



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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          | <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>Germination<br/>stage</b>                             | AIZAWL                                   | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/lt of water against leaf blast of rice.</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>Turmeric and<br/>ginger</b>      | <b>Sowing stage</b>                                      | LAWNGTLAI                                | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                  |
| <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 (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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:** Aizawl

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 11           | 18            | 28            | 59            | 51            |
| <b>Max Temp (°C)</b>     | 32           | 32            | 29            | 28            | 28            |
| <b>Min Temp (°C)</b>     | 21           | 21            | 20            | 20            | 20            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 98           | 99            | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 36           | 42            | 58            | 88            | 87            |
| <b>Wind Speed (Kmph)</b> | 4.1          | 4.0           | 2.9           | 3.6           | 3.3           |
| <b>*Wind Direction</b>   | S-E          | S-E           | S-E           | S-E           | S-E           |

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

| Weather summary of the past three days                                                                                                                                                                                                                                                | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):29-31°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):96-100%</b><br><b>Minimum RH (%):61-75%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially Clear sky</b><br><b>Wind speed: 2.64 km/hr</b><br><b>Rainfall: 25.3 mm</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 20-21°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 98-99% leh a hniam lai berin 36-88% ni tur a rin niin. Thli hi darkar khatah 2.9-4.1 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: 167.0 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 (yellow/green) indicating denser vegetation and lower values (red/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                                     | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul> |
| <b>Tlangram buh</b>                     | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | SEI                                         | <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>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ A chawr no/zik no paih bo tur.</li> <li>➤ 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.</li> </ul>                                                                                                                                      |
| <b>Sawhthing<br/>(Ginger)</b>           | <b>Chi tuh hun</b>                                          | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Khaw thiing tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                              |
| <b>Thlai</b>                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |



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|                                                                       |                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtaw)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b> |                   | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai 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 ngaihtuhsak 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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Mizoram Centre, Kolasib- 796081, MIZORAM

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



**District:** Champhai

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019      | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|-----------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 4               | 20              | 28            | 62            | 34            |
| <b>Max Temp (°C)</b>     | 35              | 31              | 29            | 29            | 26            |
| <b>Min Temp (°C)</b>     | 23              | 22              | 22            | 22            | 22            |
| <b>Cloud Coverage</b>    | Partially clear | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 97              | 98              | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 32              | 33              | 49            | 69            | 73            |
| <b>Wind Speed (Kmph)</b> | 5.1             | 5.2             | 3.4           | 4.0           | 3.7           |
| <b>*Wind Direction</b>   | S-E             | S-E             | S-E           | S-E           | S-E           |

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

## Weather summary of the past three days

**Maximum Tem. (°C):**27-30°C  
**Minimum Tem. (°C):**18-19°C  
**Maximum RH (%):**93-98%  
**Minimum RH (%):**61-74%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Mainly cloudy  
**Wind speed:** 2.61 km/hr

**Rainfall:** 22.5 mm

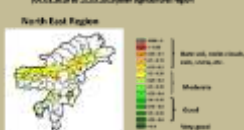
## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy to moderate and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 26-35°C and 22-23°C. Maximum relative humidity is expected in the range of 97-99% and minimum may from 32-73%. Wind direction would be southeasterly with the wind speed of 3.7-5.2 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 148.0 mm**

## NDVI for Mizoram

MMAU/ICAR/INMAM/INMAM Composite satellite and field data for 10 104.00.000 to 104.00.000 (approximate region)



Agriculture region is moderate over many parts of NE Region.

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

## General recommendations

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

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



# GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



| Main Crop/<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>Germination<br/>stage</b>                       | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.</li> </ul>                       |
| <b>Fruits/plantation crop</b>                                                                         |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                 |
| <b>Turmeric and<br/>ginger</b>                                                                        | <b>Sowing stage</b>                                | SERCHOK                                  | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</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>                                                                                      |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                 |
| <b>Cucurbitaceous<br/>crops (Gourd,<br/>pumpkin,<br/>ridge gourd,<br/>ash gourd,<br/>spine gourd)</b> | <b>Vegetative<br/>stage</b>                        | LAWNGTLAI<br>SAI...                      | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> </ul>                                                                                                  |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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|                           |                             |                              |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|-----------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cowpea/<br/>Bhindi</b> | <b>Vegetative<br/>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<br/>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<br/>renovation</b>  | <b>Bacterial<br/>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:** Champhai

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019      | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|-----------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 4               | 20              | 28            | 62            | 34            |
| <b>Max Temp (°C)</b>     | 35              | 31              | 29            | 29            | 26            |
| <b>Min Temp (°C)</b>     | 23              | 22              | 22            | 22            | 22            |
| <b>Cloud Coverage</b>    | Partially clear | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 97              | 98              | 99            | 99            | 99            |
| <b>Min RH (%)</b>        | 32              | 33              | 49            | 69            | 73            |
| <b>Wind Speed (Kmph)</b> | 5.1             | 5.2             | 3.4           | 4.0           | 3.7           |
| <b>*Wind Direction</b>   | S-E             | S-E             | S-E           | S-E           | S-E           |

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

| Weather summary of the past three days                                                                                                                                                                                                             | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):27-30°C</b><br><b>Minimum Tem. (°C):18-19°C</b><br><b>Maximum RH (%):93-98%</b><br><b>Minimum RH (%):61-74%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Mainly cloudy</b><br><b>Wind speed: 2.61 km/hr</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 26-35°C a ni ang a. A vawh lai ber in 22-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 97-99% leh a hniam lai berin 32-73% ni tur a rin niin. Thli hi darkar khatah 3.9-7.0 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: 148.0 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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| 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                                     | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul> |
| <b>Tlangram buh</b>                                                    | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Thei</b>                                                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sawhthing<br/>(Ginger)</b>                                          | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                            |
| <b>Kiwi</b>                                                            | <b>Pruning/<br/>Training</b>                                |                                             | <ul style="list-style-type: none"> <li>➤ Natna kai leh a tang upa ho paih bo tur.</li> <li>➤ 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.</li> <li>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □</li> </ul>                                                                       |
| <b>Thlai</b>                                                           |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtawk)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b>         | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh</li> </ul>                                                                                                                                                |



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|                                  |                                                  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  |                                                  |                   | na turin a bul leh a vel te thlawhfai tur.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Behlawi/<br/>bawrh saiabe</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>                       | SECHHEI           | <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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# 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:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 24           | 22            | 20            | 52            | 48            |
| <b>Max Temp (°C)</b>     | 34           | 34            | 33            | 30            | 30            |
| <b>Min Temp (°C)</b>     | 22           | 22            | 22            | 23            | 23            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99           | 99            | 98            | 100           | 100           |
| <b>Min RH (%)</b>        | 38           | 60            | 53            | 94            | 85            |
| <b>Wind Speed (Kmph)</b> | 3.6          | 3.5           | 3.0           | 2.8           | 2.8           |
| <b>*Wind Direction</b>   | E            | E             | E             | E             | E             |

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

## Weather summary of the past three days

**Maximum Tem. (°C):**29-32°C  
**Minimum Tem. (°C):**19°-22°C  
**Maximum RH (%):**96-100%  
**Minimum RH (%):**64-78%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Partially Clear sky  
**Wind speed:** 2.61 km/hr

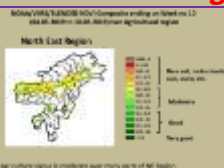
**Rainfall:** 64.1 mm

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy to moderate and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-34°C and 22-23°C. Maximum relative humidity is expected in the range of 98-100% and minimum may from 38-94%. Wind direction would be easterly with the wind speed of 2.8-3.6 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 166.0 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>Cucurbitaceous<br/>crops (Gourd,<br/>pumpkin,<br/>ridge gourd,<br/>ash gourd,<br/>spine gourd)</b> | <b>Vegetative<br/>stage</b>                              | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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/plantation crop</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>Turmeric and<br/>ginger</b>                                                                        | <b>Sowing stage</b>                                      | LAWNGTLAI<br>SAIHA                       | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                  |
| <b>Vegetable</b>                                                                                      |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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:** Kolasib

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 24           | 22            | 20            | 52            | 48            |
| <b>Max Temp (°C)</b>     | 34           | 34            | 33            | 30            | 30            |
| <b>Min Temp (°C)</b>     | 22           | 22            | 22            | 23            | 23            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99           | 99            | 98            | 100           | 100           |
| <b>Min RH (%)</b>        | 38           | 60            | 53            | 94            | 85            |
| <b>Wind Speed (Kmph)</b> | 3.6          | 3.5           | 3             | 2.8           | 2.8           |
| <b>*Wind Direction</b>   | E            | E             | E             | E             | E             |

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

| Weather summary of the past three days                                                                                                                                                                                                                                                | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):29-32°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):96-100%</b><br><b>Minimum RH (%):64-78%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially Clear sky</b><br><b>Wind speed: 2.61 km/hr</b><br><b>Rainfall: 64.1 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 22-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 98-100% leh a hniam lai berin 38-94% ni tur a rin niin. Thli hi darkar khatah 2.8-3.6 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: 166.0 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 (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                                     | <ul style="list-style-type: none"> <li>➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh gian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.</li> </ul> |
| <b>Tlangram buh</b>                     | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | SEI                                         | <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>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ A chawr no/zik no paih bo tur.</li> <li>➤ 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.</li> </ul>                                                                                                                                      |
| <b>Sawhthing<br/>(Ginger)</b>           | <b>Chi tuh hun</b>                                          | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Khaw thieng tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                              |
| <b>Thlai</b>                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |



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|                                                                       |                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtaw)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b> |                   | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai 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 ngaihtuhsak 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>                                                                                                                                                                                                 |



# 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:** Lawngtlai

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 0          | 2               | 14            | 58            | 47            |
| <b>Max Temp (°C)</b>     | 35         | 34              | 32            | 32            | 27            |
| <b>Min Temp (°C)</b>     | 24         | 23              | 23            | 23            | 22            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 92         | 92              | 96            | 97            | 97            |
| <b>Min RH (%)</b>        | 33         | 32              | 41            | 52            | 61            |
| <b>Wind Speed (Kmph)</b> | 4.3        | 4.8             | 5.1           | 6.0           | 4.8           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

## Weather summary of the past three days

**Maximum Tem. (°C):30-31°C**  
**Minimum Tem. (°C):19-22°C**  
**Maximum RH (%):91-97%**  
**Minimum RH (%):68-71%**  
**Wind Direction: Southeasterly**  
**Cloud cover: Mainly clear sky**  
**Wind speed: 2.34 km/hr**

**Rainfall: 28.3 mm**

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy to moderate and light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 27-35°C and 23-24°C. Maximum relative humidity is expected in the range of 92-97% and minimum may from 32-61%. Wind direction would be easterly with the wind speed of 4.3-6.0 km per hour. Partially clear sky will prevail during the next five days.

**Weekly cumulative rainfall: 121.0 mm**

## NDVI for Mizoram

MIMAS/NDVI/2019/06/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216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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)



| 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>Germination<br/>stage</b>                             | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.</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/cash crop</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>Turmeric and<br/>ginger</b>      | <b>Sowing stage</b>                                      | LAWNGTLEI<br>SAIHA                       | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                  |
| <b>Vegetable</b>                    |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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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## 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:** Lawngtlai

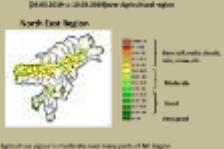
**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 0          | 2               | 14            | 58            | 47            |
| <b>Max Temp (°C)</b>     | 35         | 34              | 32            | 32            | 27            |
| <b>Min Temp (°C)</b>     | 24         | 23              | 23            | 23            | 22            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 92         | 92              | 96            | 97            | 97            |
| <b>Min RH (%)</b>        | 33         | 32              | 41            | 52            | 61            |
| <b>Wind Speed (Kmph)</b> | 4.3        | 4.8             | 5.1           | 6             | 4.8           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Weather summary of the past three days</b>                                                                                                                                                                                                                                         | <b>01<sup>st</sup>June–05<sup>th</sup>June, 2019 chhunga sik leh sa dinhmun tur tlangpui</b>                                                                                                                                                                                                                                                                                                                                                                             |                                                                                               |
| <b>Maximum Tem. (°C):30-31°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):91-97%</b><br><b>Minimum RH (%):68-71%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Mainly clear sky</b><br><b>Wind speed: 2.34 km/hr</b><br><br><b>Rainfall: 28.3 mm</b> | <p>Tun ni 4 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 27-35°C a ni ang a. A vawh lai ber in 23-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 92-97% leh a hniam lai berin 32-61% ni tur a rin niin. Thli hi darkar khatah 4.3-6.0 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: 121.0 mm</b></p> |                                                                                               |
| <b>NDVI for Mizoram</b>                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                       | <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                                     | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul> |
| <b>Tlangram buh</b>                     | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | SEI                                         | <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>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ A chawr no/zik no paih bo tur.</li> <li>➤ 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.</li> </ul>                                                                                                                                      |
| <b>Sawhthing<br/>(Ginger)</b>           | <b>Chi tuh hun</b>                                          | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                             |
| <b>Thlai</b>                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



|                                                                       |                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtaw)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b> |                   | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai 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 ngaihtuhsak 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>                                                                                                                                                                                                 |



# 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:** Lunglei

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 1          | 4               | 23            | 76            | 60            |
| <b>Max Temp (°C)</b>     | 34         | 34              | 33            | 29            | 28            |
| <b>Min Temp (°C)</b>     | 24         | 23              | 23            | 23            | 21            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 96         | 91              | 95            | 98            | 99            |
| <b>Min RH (%)</b>        | 36         | 34              | 42            | 55            | 80            |
| <b>Wind Speed (Kmph)</b> | 4.7        | 5.1             | 5.0           | 5.3           | 4.1           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

## Weather summary of the past three days

**Maximum Tem. (°C):**27-30°C  
**Minimum Tem. (°C):**17-21°C  
**Maximum RH (%):**89-97%  
**Minimum RH (%):**65-84%  
**Wind Direction:** Southwesterly  
**Cloud cover:** Mainly cloudy sky  
**Wind speed:** 2.51 km/hr

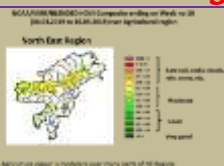
**Rainfall:** 42.0 mm

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy to moderate and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-34°C and 21-24°C. Maximum relative humidity is expected in the range of 91-99% and minimum may from 34-80%. Wind direction would be easterly with the wind speed of 4.1-5.3 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 164.0 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          | <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>Germination<br/>stage</b>                       | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.</li> </ul>                       |
| <b>Fruits/cash crop</b>                                                                               |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                 |
| <b>Turmeric and<br/>ginger</b>                                                                        | <b>Sowing stage</b>                                | SERCHUK                                  | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</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>                                                                                      |                                                    |                                          |                                                                                                                                                                                                                                                                                                                                 |
| <b>Cucurbitaceous<br/>crops (Gourd,<br/>pumpkin,<br/>ridge gourd,<br/>ash gourd,<br/>spine gourd)</b> | <b>Vegetative<br/>stage</b>                        | LAWNGTLAI                                | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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)



|                           |                             |                              |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|-----------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cowpea/<br/>Bhindi</b> | <b>Vegetative<br/>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<br/>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<br/>renovation</b>  | <b>Bacterial<br/>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:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 1          | 4               | 23            | 76            | 60            |
| <b>Max Temp (°C)</b>     | 34         | 34              | 33            | 29            | 28            |
| <b>Min Temp (°C)</b>     | 24         | 23              | 23            | 23            | 21            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 96         | 91              | 95            | 98            | 99            |
| <b>Min RH (%)</b>        | 36         | 34              | 42            | 55            | 80            |
| <b>Wind Speed (Kmph)</b> | 4.7        | 5.1             | 5             | 5.3           | 4.1           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

| Weather summary of the past three days                                                                                                                                                                                                                                             | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):27-30°C</b><br><b>Minimum Tem. (°C):17-21°C</b><br><b>Maximum RH (%):89-97%</b><br><b>Minimum RH (%):65-84%</b><br><b>Wind Direction: Southwesterly</b><br><b>Cloud cover: Mainly cloudy sky</b><br><b>Wind speed: 2.51 km/hr</b><br><b>Rainfall: 42.0 mm</b> | <p>Tun ni 5 chhung 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 ber in 21-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 91-99% leh a hniam lai berin 34-80% ni tur a rin niin. Thli hi darkar khatah 4.1-5.3 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: 164.0 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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| 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                                     | <ul style="list-style-type: none"> <li>➤ FAW a lo pun a 100 ah 10-20% a tih chhiat tawh chinah chuan heng pesticides emaw ber hmanh gian enkawl tur a ni. Ememectin benzoate @0.4 ml/1 litre tuipawlh emaw Spinosad @0.3 ml/1 litre tuipawlh emaw Thiamethoxam 12.6% + Lambdacyhalothrin 9.5% @0.5 ml/litre tuipawlh emaw Chlorantraniliprole 18.5% SC @0.4 ml/1 litre tuipawlh.</li> </ul> |
| <b>Tlangram buh</b>                                                    | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Thei</b>                                                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sawhthing<br/>(Ginger)</b>                                          | <b>Chi tuh hun</b>                                          | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lit ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                            |
| <b>Kiwi</b>                                                            | <b>Pruning/<br/>Training</b>                                |                                             | <ul style="list-style-type: none"> <li>➤ Natna kai leh a tang upa ho paih bo tur.</li> <li>➤ 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.</li> <li>➤ A zar chawr no zinga a tha zual 4-5 te chu a tiak a tan hman theih a ni. □</li> </ul>                                                                       |
| <b>Thlai</b>                                                           |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtawk)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b>         | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh</li> </ul>                                                                                                                                                |



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Mizoram Centre, Kolasib- 796081, MIZORAM

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|                                 |                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Behlawi/<br/>bawrhsaiabe</b> | <b>A than duh<br/>hunlai/ a<br/>kung par hma</b> | KOLASIB            | <p><b>na turin a bul leh a vel te thlawhfai tur.</b></p> <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 feritilizer 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>            | MAMIT              | <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>                       | AIZAWL             | <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>                    |                                                  | SEPHAKH<br>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:** Mamit

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 6            | 28            | 21            | 71            | 66            |
| <b>Max Temp (°C)</b>     | 35           | 32            | 28            | 25            | 24            |
| <b>Min Temp (°C)</b>     | 24           | 23            | 23            | 23            | 23            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99           | 97            | 98            | 99            | 99            |
| <b>Min RH (%)</b>        | 40           | 47            | 67            | 89            | 93            |
| <b>Wind Speed (Kmph)</b> | 4.9          | 4.1           | 3.4           | 4.7           | 4.1           |
| <b>*Wind Direction</b>   | S-E          | S-E           | 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

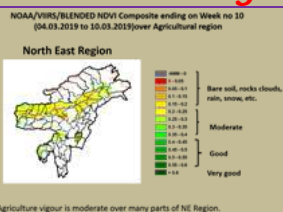
**Maximum Tem. (°C):**29-32°C  
**Minimum Tem. (°C):**19-22°C  
**Maximum RH (%):**92-99%  
**Minimum RH (%):**67-78%  
**Wind Direction:** Southeasterly  
**Cloud cover:** Partially Clear sky  
**Wind speed:** 2.81 km/hr  
**Rainfall:** 59.0 mm

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of very heavy to heavy and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 24-35°C and 23-24°C. Maximum relative humidity is expected in the range of 97-99% and minimum may from 40-93%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 3.4-4.9 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 192.0 mm**

## NDVI for Mizoram



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

## General recommendations

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

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



# GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

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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>Germination<br/>stage</b>                             | MAMIT<br>AIZAWL                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/lt of water against leaf blast of rice.</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/cash crop</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>Turmeric and<br/>ginger</b>      | <b>Sowing<br/>stage</b>                                  | LAWNGTIAI<br>SAIHA                       | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                  |
| <b>Vegetable</b>                    |                                                          |                                          |                                                                                                                                                                                                                                                                                                                                |



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|                                                                                   |                         |                          |                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceous crops (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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:** Mamit

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/Mizo

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019   | 02.06.2019    | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 6            | 28            | 21            | 71            | 66            |
| <b>Max Temp (°C)</b>     | 35           | 32            | 28            | 25            | 24            |
| <b>Min Temp (°C)</b>     | 24           | 23            | 23            | 23            | 23            |
| <b>Cloud Coverage</b>    | Mainly clear | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 99           | 97            | 98            | 99            | 99            |
| <b>Min RH (%)</b>        | 40           | 47            | 67            | 89            | 93            |
| <b>Wind Speed (Kmph)</b> | 4.9          | 4.1           | 3.4           | 4.7           | 4.1           |
| <b>*Wind Direction</b>   | S-E          | S-E           | 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                                                                                                                                                                                                                   | 01 <sup>st</sup> June–05 <sup>th</sup> June, 2019 chhunga sik leh sa dinhmun tur tlangpui                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Maximum Tem. (°C):29-32°C</b><br><b>Minimum Tem. (°C):19-22°C</b><br><b>Maximum RH (%):92-99%</b><br><b>Minimum RH (%):67-78%</b><br><b>Wind Direction: Southeasterly</b><br><b>Cloud cover: Partially Clear sky</b><br><b>Wind speed: 2.81 km/hr</b> | <p>Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 24-35°C a ni ang a. A vawh lai ber in 23-24°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 97-99% leh a hniam lai berin 40-93% ni tur a rin niin. Thli hi darkar khatah 3.4-4.9 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.</p> <p><b>Weekly cumulative rainfall: 192.0 mm</b></p> |                                                                                               |
| <b>Rainfall: 59.0 mm</b><br><b>NDVI for Mizoram</b>                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <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                                     | <ul style="list-style-type: none"> <li>➤ 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.</li> </ul> |
| <b>Tlangram buh</b>                     | <b>A kung<br/>tiah/chawrchh<br/>uah hun</b>                 | AIZAWL                                      | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buailoh na turin a bul leh a vel te thlawhfai tur.</li> <li>➤ Leaf blast natna ven nan tricyclozole 0.6 g chu tui litre 1 a pawlh in kah tur a ni.</li> </ul>      |
| <b>Greengram<br/>and black<br/>gram</b> | <b>Chi tuh hun</b>                                          | SEI                                         | <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>Thei</b>                             |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serthlum<br/>(Mandarin)</b>          | <b>Seng tawh<br/>hnu/phunsawn<br/>hun</b>                   | LUNGLEI                                     | <ul style="list-style-type: none"> <li>➤ A chawr no/zik no paih bo tur.</li> <li>➤ 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.</li> </ul>                                                                                                                                      |
| <b>Sawhthing<br/>(Ginger)</b>           | <b>Chi tuh hun</b>                                          | LAWNGTLA                                    | <ul style="list-style-type: none"> <li>➤ Khaw thianga tha leh hul ah chauh a chi hi tuh tur a ni.</li> <li>➤ Sawhthing kan lin hma in Bavistin 2 g/lt ahsawhthing thlar/ chi chu kan chiah in buatsaih thin tur ani.</li> </ul>                                                                                                                                                             |
| <b>Thlai</b>                            |                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                             |



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|                                                                       |                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------|-----------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cucurbitaceo<br/>us thlai (Um,<br/>Mai,maipawl,<br/>maitamtaw)</b> | <b>A hnah hrin<br/>hunlai/a than<br/>duh hunlai</b> |                   | <ul style="list-style-type: none"> <li>➤ Tuitling luanchhuahna/ paihchhuahna tur tha taka siam</li> <li>➤ Leitha pek tur zat chu thensawmin hectare 1 ah kg 20 zel hman tur.</li> <li>➤ Hnim hnah leh rannung ten an tih buai loh na turin a bul leh a vel te thlawhfai tur.</li> </ul>                                                                                                                                          |
| <b>Behlawi/<br/>bawrsaiabe</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 ngaihtuhsak 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:** Saiha

**Period:** 01<sup>st</sup>June–05<sup>th</sup> June, 2019

**Bulletin No:** - 884/2019/ Bulletin/English

**Date of issue:** 31<sup>st</sup>May, 2019

| Parameters               | 01.06.2019 | 02.06.2019      | 03.06.2019    | 04.06.2019    | 05.06.2019    |
|--------------------------|------------|-----------------|---------------|---------------|---------------|
| <b>Rainfall (mm)</b>     | 3          | 4               | 21            | 46            | 38            |
| <b>Max Temp (°C)</b>     | 32         | 32              | 29            | 28            | 28            |
| <b>Min Temp (°C)</b>     | 21         | 21              | 20            | 20            | 20            |
| <b>Cloud Coverage</b>    | Clear sky  | Partially clear | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| <b>Max RH (%)</b>        | 95         | 95              | 97            | 98            | 98            |
| <b>Min RH (%)</b>        | 33         | 32              | 39            | 55            | 73            |
| <b>Wind Speed (Kmph)</b> | 4.7        | 4.6             | 5.0           | 5.5           | 4.9           |
| <b>*Wind Direction</b>   | E          | E               | E             | E             | E             |

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

## Weather summary of the past three days

**Maximum Tem. (°C):26-29°C**  
**Minimum Tem. (°C):15-19°C**  
**Maximum RH (%):92-98%**  
**Minimum RH (%):64-91%**  
**Wind Direction: Southwesterly**  
**Cloud cover: Partially clear sky**  
**Wind speed: 2.32 km/hr**

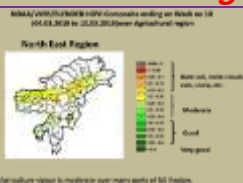
**Rainfall: 48.3 mm**

## Weather forecast valid from 01<sup>st</sup>June, 2019 To 05<sup>th</sup>June, 2019.

There are chances of heavy to moderate and light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 20-21°C. Maximum relative humidity is expected in the range of 95-98% and minimum may from 33-73%. Wind direction would be easterly with the wind speed of 4.6-5.5 km per hour. Mainly cloudy sky will prevail during the next five days.

**Weekly cumulative rainfall: 112.0 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>                        | <b>Sowing/ cob<br/>formation/<br/>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>Germination<br/>stage</b>                       |                                                       | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</li> <li>➤ Spray tricyclozole 0.6 g/l of water against leaf blast of rice.</li> </ul>                       |
| <b>Fruits/ cash crop</b>            |                                                    |                                                       |                                                                                                                                                                                                                                                                                                                                 |
| <b>Turmeric and<br/>ginger</b>      | <b>Sowing stage</b>                                |                                                       | <ul style="list-style-type: none"> <li>➤ Remove all existing stable from the field.</li> <li>➤ Planting is done well prepared land or pits filled up with FYM (12-15) t/ha</li> <li>➤ Rhizome must be treated with Bavistin 2 g /lt of water before sowing and keep in shade place</li> </ul>                                   |
| <b>Kiwi</b>                         | <b>Pruning/<br/>Training</b>                       |                                                       | <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 (Gourd, pumpkin, ridge gourd, ash gourd, spine gourd)</b> | <b>Vegetative stage</b> |                          | <ul style="list-style-type: none"> <li>➤ Drainage should be maintain properly</li> <li>➤ Use split dose of fertilizer @ 20 kg/ha.</li> <li>➤ Keep the surrounding clean/ weed free to avoid disease/pest harboring.</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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